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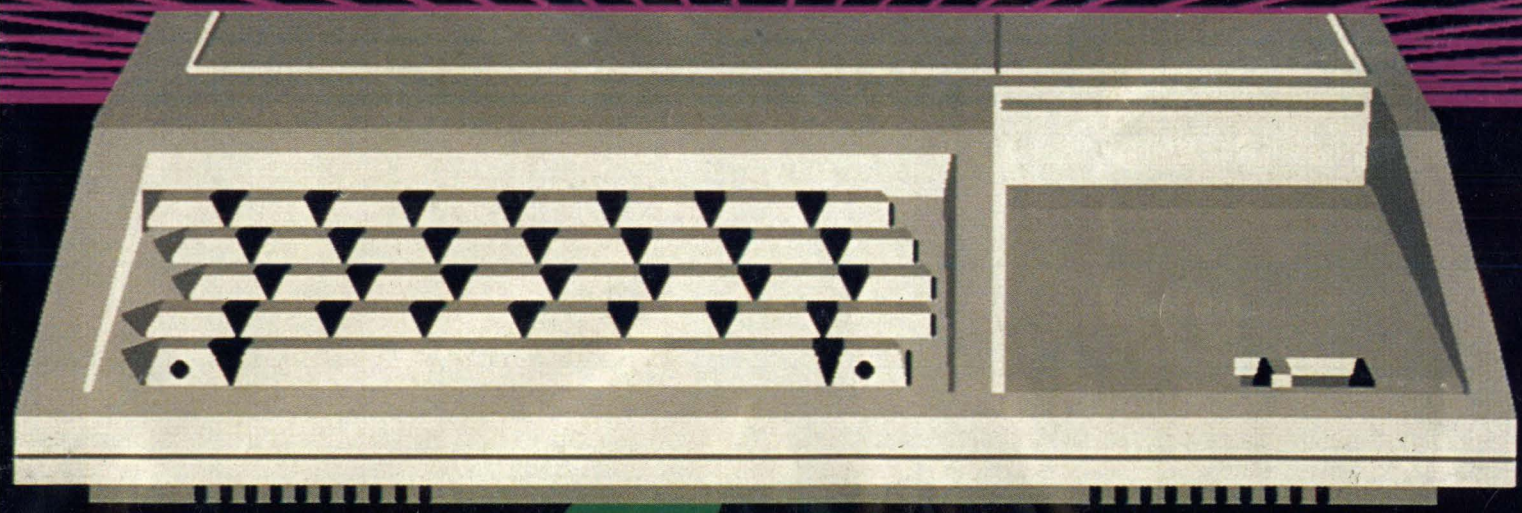

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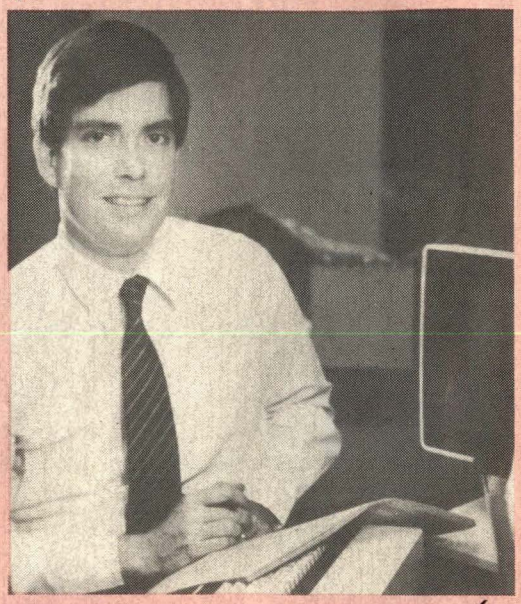

OUR COMMITMENT TO TI 99/4A OWNERS

At a time when many firms are cutting back their support for the TI 99/4A, and some of the companies serving the TI market are experiencing financial difficulties, we want you to know that TENEX Computer Express is committed to serving TI owners for years to come. Financially strong, we are truly here for the long haul. We were one of the first mail order firms serving the TI market, breaking new ground with our first "Everything Book" for the 99/4A. We are confident that we will still be serving TI owners worldwide long after our imitators have disappeared.

NEW PRODUCTS.

We are pleased to be introducing a variety of exciting new products in this issue, ranging from expansion peripherals to games, and printers to business software. The Legend printer described on the back cover is particularly exciting when one compares its price and features to other competitive units. The MicroPal Extended BASIC offer, which bundles word processing and database management software with the ever-useful Extended BASIC (a retail value of over $150!) is also an exceptional value.

GREAT SERVICE.

As always, our phone lines are staffed by friendly, helpful people (most of whom own and use computers themselves). Our operation is of course, fully computerized for fast, efficient service. We've even added a new computerized shipping system to our warehouse to let us get our orders out without delay.

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Many mail order companies advertise low prices but then raise the price you really pay by tacking on extra fees for using your charge card or exorbitant shipping and handling charges. A few even try to charge extra for items included in the manufacturer's original package!

At TENEX Computer Express, we believe honesty is the best policy. Every item we ship is complete and factory fresh. We have no hidden extras - just the low advertised price and the very modest shipping charge shown on the order form. You can be sure that when you take advantage of our low, discount prices your savings will stay in your pocket! WE WANT HAPPY CUSTOMERS!

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Our Customers Speak

Many of our customers have let us know what they think of our products, service, catalog, and telephone technical assistance. Here are a few comments taken from our correspondence file:

- "The delivery was unbelievable, much more prompt than most catalog supply houses, two weeks from the time I put the order in the mailbox. Most outfits take 3 to 6 weeks."
-Pennsylvania

- "I believe you're a great asset to us TI 99/4A users!"
-Florida

- "This letter is written in appreciation for your continuing service to TI 99/4A owners. When almost everyone deserted us, you continued your support."
-Alabama

- ". . .thank you for the speedy delivery of my recent order. You've made for a happy birthday for our son."
-Kentucky

- "You will hear from me again. Thanks."
-New York

- "Your accurate, detailed descriptions and selection of TI hardware and software enabled me to purchase just what I needed to get my home computer system going and growing. I also want to express my appreciation for your prompt and courteous handling of my order. It is indeed a pleasure to do business with you!"
-Hawaii

FANTASTIC NEW SAVINGS!

TROUBLESHOOT YOUR TI 99/4A SYSTEM!

Peripheral Diagnostic Module

from CorComp Inc.

Until now, the TI 99/4A owner's only recourse when attempting to pinpoint a system malfunction was to find a willing friend with a similar TI system and swap out pieces. . .or send the system off, piece by piece, to various manufacturer's service centers. Not viable options for many 99/4A owners!

Now, thanks to the new Peripheral Diagnostic Module from CorComp, you can do troubleshooting at home! Saves lots of time **and** money!

The module plugs into the cartridge slot of the 99/4A and tests the operations of the expansion cards or stand-alone units.*

The module will check the following peripherals and functions:

Disk Controller and Drive System
-Test SS, SD; SS, DD; DS, SD; DS, DD.
-Select each drive for format and test.
-Display head step settings with CorComp card.

32K Memory
-Perform bit check and data retention test on 32K memory.

RS-232 Interface
-Check Port 1 loop to Port 2 without a printer. (Requires Loop-Back Plug — included with module)
-Check Port 1 or 2 out to printer with selectable baud rate.
-Check PIO out to parallel printer.

If you're serious about maintaining your TI 99/4A system in top-notch working condition, you'd be wise to invest in this module. 120 day manufacturer's warranty.
38412 Peripheral Diagnostic Module** **ONLY $25.95**

PLEASE NOTE — if you have a 1983 version 2.2 TI 99/4A console, you'll need the Corcomp '83 module adapter (see page 26) to be able to use this module.
*Compatible with TI and CorComp cards and peripherals.
**Available December 1985.

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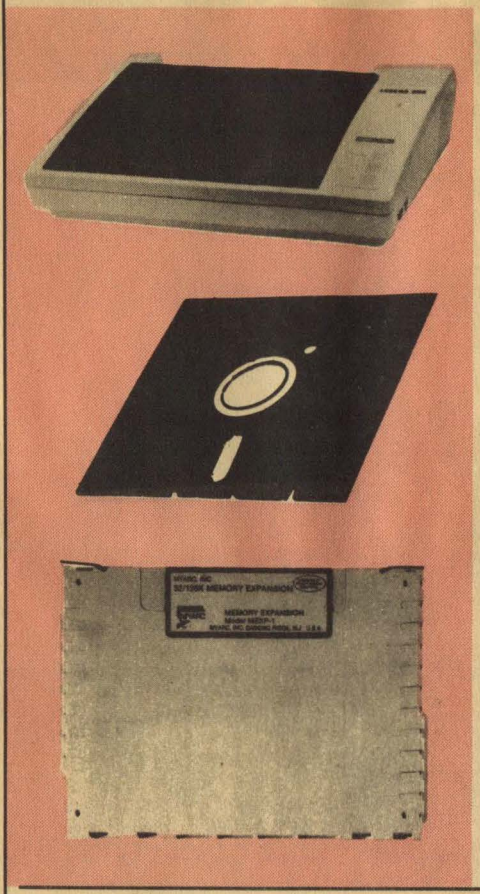
See page 24 for details



Legend 808 Printer
100 CPS! Square wire printhead!
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—Lifetime Guarantee
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With RAM Disk and Print Spooler Built-In! **$199.00**

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See Page 27

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The Everything Book For The TI 99/4A Home Computer

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ISBN #0-88180-009-0

TI SPECIALS

Best-Selling TI Games & Educational Titles

$7.95 Each • 3 For $19.95 • 6 For $34.98

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13085 Sewermania	M	**16350** Reading Flight	M	**16537** Milliken Multiplication	M
13103 Meteor Belt	M	**16364** Addition and Subtraction	M	**16556** Milliken Integers	M
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13122 Honey Hunt	M	**16383** Multiplication	M	**16664** Minus Mission	M
18092 Indoor Soccer	M	**16398** Division I	M	**18833** Teach Yourself Extended BASIC	C
15939 Home Financial Decisions	M			**15981** Personal Real Estate	M

TI 99/4A COMPUTER
$89.95
While They Last!

15292 TI 99/4A **$89.95**

TI DISK DRIVE
For the Peripheral Expansion Box.

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While They Last!

15339 TI Disk Drive **$99.00**

RF MODULATOR
$19.95

Buy an extra as a backup!

15535 RF Modulator **$19.95**

More Best-Selling TI Games
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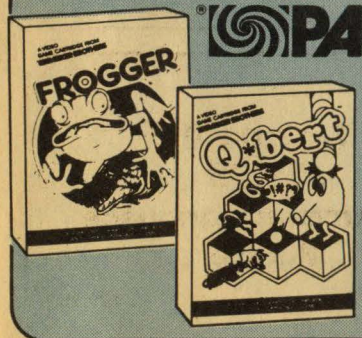
18105 Mind Challengers	M	**18208** Parsec	M
18110 Amazing	M	**18227** The Attack	M
18124 Tombstone City	M	**18232** Blasto	M
18139 TI Invaders	M	**18284** Connect Four	M
18143 Car Wars	M	**13052** Sneggit	M
18158 Munch Man	M	**13194** Jawbreaker	M
18196 Chisholm Trail	M	**13206** Slymoids	M

PARKER BROTHERS



FROGGER. Guide your frog to safety in a madcap dash across a busy highway and a rushing river.
25963 Module **ONLY $16.95**

POPEYE. Join Popeye as he races through a crazy maze in mad pursuit of Olive Oyl's falling hearts.
38376 Module **ONLY $16.95**

Q*BERT. Help Q*Bert hop up and down a pyramid of cubes, changing colors as he lands.
25978 Module **ONLY $16.95**

IMAGIC

ONLY $5.95 Each!

MICROSURGEON. This game takes strategy, planning and a steady hand as you launch a fight against disease in the human body. . .save your patient before time runs out!
13230 Module **$5.95**

SUPER DEMON ATTACK. Ward off successive waves of demons in order to approach Pandemonium, the demon base, and challenge the demon leader.
13225 Module **$5.95**

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ORDER STATUS HOTLINE 1-219-259-7053.

TI SPECIALS

Special Low Price!

ADVENTURE.

Includes the Adventure Command Module (needed for other games) and Pirate's Adventure. . .explore a mysterious island teeming with peril and treasure! A perfect introduction to the entire series of adventures.
18317 Cassette **$7.95**

MORE ADVENTURES...

$5.95 Each • **3 For $14.95**

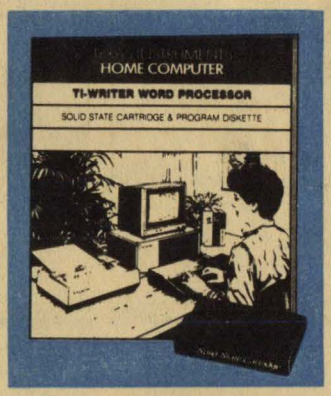
18551 Mission Impossible
18565 Voodoo Castle
18570 The Count
18584 Strange Odyssey
18599 Mystery Funhouse
18602 Pyramid of Doom
18617 Ghost Town
18636 Golden Voyage

Enchancements for TI Writer and Multiplan

These public domain programs were released by TI to enhance the capabilities of TI Writer and Multiplan. TI Writer features include true lower case characters, form feed suppression to avoid paper waste, and more. To use the Multiplan enhancement you will need the original Multiplan cartridge; the TI Writer enhancements requires the original TI Writer **or** QS-Writer (see page 20).
34958 Disk **$9.95**

TI WRITER.

Powerful word processing package from TI. Includes many features of word processors on larger and more expensive computers, including word-wrap, search and replace, OOPS key, and many more. TI-Writer expands the display to 40 columns and scrolls horizontally to allow full 80 character lines. Requires 32K.
16011 Module and Disk **ONLY $44.95**



MICROSOFT MULTIPLAN

A TI implementation of one of the most powerful and best known spreadsheet packages! An extremely versatile tool for planning, budgeting, financial modeling, record keeping — any application where data can be expressed in rows and columns.
16025 Module and Disk **ONLY $44.95**

BOTH FOR ONLY $69.95!!

TI SPEECH SYNTHESIZER

Plugs directly into the side port of your TI 99/4A, providing text-to-speech capability and voice with modules designed for speech.
15396 **$79.95**

MORE TI FAVORITES. . . WHILE SUPPLIES LAST!

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16612 Milliken Measurement Formulas	**M**	**$14.95**
18073 Video Games	**M**	**$14.95**
18246 Blackjack and Poker	**M**	**$14.95**
18302 Adventure-Disk	**D**	**$19.95**
18405 Mission Impossible-Disk	**D**	**$19.95**
18410 Voodoo Castle-Disk	**D**	**$19.95**
18424 The Count-Disk	**D**	**$14.95**
18443 Mystery Fun House-Disk	**D**	**$19.95**
18458 Pyramid of Doom-Disk	**D**	**$14.95**
18462 Ghost Town-Disk	**D**	**$14.95**
18496 Mystery Melody-Cass	**T**	**$14.95**
18688 Teach Yourself B-Disk	**D**	**$14.95**
18693 Teach Yourself Ext. B-Disk	**D**	**$14.95**
16767 Bridge Bidding III	**D**	**$19.95**
18001 Market Simulation	**T**	**$14.95**

ODDS & ENDS
ONLY A FEW LEFT — PHONE ORDERS ONLY!

TERMINAL EMULATOR II.

Links your TI 99/4A to the telecommunications world, allowing you to use a modem.
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TI MINI-MEMORY

Plug-in module adds 14K memory to your system. Includes built-in battery to retain RAM.
18674 **ONLY $39.95**

Program Format Code
Module = M
Disk = D
Cassette Tape = T

TI Logo II $29.95 Programming Language Module

16294 Logo II **$29.95**

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Software

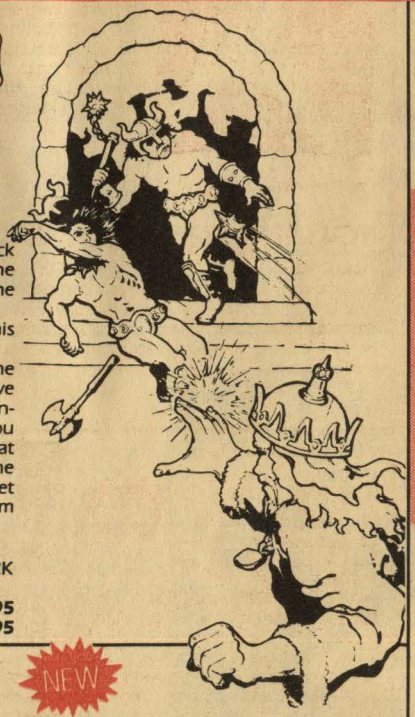
action/arcade games

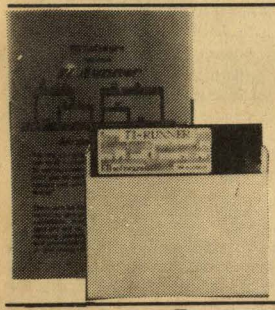
KING of the CASTLE

One of the Best New Games on the Market!

Fast Action. . .

KING OF THE CASTLE. This challenging game requires some quick reflexes and planning to master, but we've found it to be one of the best games on the market! Our resident game master rates this one "excellent."
You'll be amazed at the speed of play and fast screen changes. This machine language program allows lightning-quick response.
You are a Norman King asleep in your castle — when suddenly the Vikings attack and invade your fortress. Your guards and servants have fled in fear. You are outnumbered. . .but unabashed. Your Ninja training in making gunpowder and wielding Oriental weapons gives you a fighting chance. You defend yourself by throwing spinning stars at the Vikings. . .and laying land mines to stop their advance on the stairways or throughout the various rooms. If all else fails, use the secret passageway for a quick exit and time to regroup and attack again. From Cydex Software.
All configurations require joystick.
Cassette requires Mini Memory. Disk requires Mini Memory, OR 32K and Editor/Assembler, OR 32K and Extended BASIC.
30981 Cassette **$17.95**
30996 Disk **$17.95**





NEW

TI-RUNNER

Rated "A" by Micropendium

TI RUNNER. This hot new title from EB Software, similar to the popular Loderunner games for Apple and Commodore, offers 50 levels of excitement. Platforms, ladders, and pursuers abound as you collect treasures and keys. Micropendium said, "TI Runner is a very good adaptation. . .The graphics are very well done. The animation is almost the best I have ever seen on the TI. Joystick response is instantaneous. . .If you are looking for a game. . .this is the one." Requires disk system, 32K memory and **either** Mini Memory **or** Editor/Assembler.
Sug. Retail $24.95
32460 Disk **$22.95**

SPY'S DEMISE™ CHALLENGER

The contest continues. . .
Be the First to Solve the puzzle — Win FREE Software!

SPY'S DEMISE. "You were quietly sipping a double vodka martini (stirred, not shaken) with a twist of Persian lime peel in the lobby of the Bangkok Hilton when you overheard two KGB employees discussing an encoded message which was giving fits to their superiors. The message was the key to a fortune in valuable computer data. . ." This begins the official TI version of Penguin Software's best selling game, SPY'S DEMISE. CSI Design Group has added another dimension to the mystery. . .be one of two winners from your U.S. state, Canadian province or country to solve the SPY'S DEMISE puzzle and you'll WIN FREE SOFTWARE!! In this 9-screen game your score is determined by how fast you move to the next level. But, there's more. . .at each of the 11 floors on a screen, part of a secret, encoded message is revealed. It takes a master code breaker to discover the cryptogram and break the code. Take the challenge!
30784 Cassette (Side 1 in Ext. BASIC; Side 2 in Assembly Language for Mini Memory) **$15.95**
30799 Disk (Includes 3 versions for Ext. BASIC, Mini Memory or Editor/Assembler module) **$17.95**

MULTI-SCREEN GRAPHICS

NIGHT MISSION. Millers Graphics brings you this exciting multiscreen game. Super graphics and fast paced play highlight your mission as you try to rescue survivors and carry them to an off-shore ship. Enemy tank, plane, missiles, and helicopters keep life interesting. Requires Extended BASIC. Sug. Retail $19.95
36469 Cassette **$17.95**

SURFACE TO AIR MISSILE (SAM) SITE RADAR STATION

SAM DEFENSE II. This authentic replica of a SAM Site Control Room requires your concentration and quick wits. As commander of this innermost line of your country's defense, you must monitor the Plan Position Indicator scope, an Azimuth locator screen, the elevation screen and a range-finding cursor. Locate the enemy, track the range, lock on and fire a surface-to-air missile. But be wary! The enemy can counter your defense by jamming your frequency and taking evasive action.
Three difficulty levels provide a challenge to even an experienced player. By Futura.
12101 Cassette **$16.95**

HANG-GLIDER PILOT. An exciting simulation of hang gliding — jump off, climb, work the thermals over rocky fields, but watch out for down-drafts over lakes and forests. Don't climb too fast or you'll stall, and be careful landing! By MAPLELEAF Micro/Ware.
12877 Cassette, Ext. BASIC **$17.95**

PINBALL CONSTRUCTION

GRAVITY MASTER. Don't envy your friends with more expensive computers — now CSI brings an exciting pinball game to the TI, including a "construction" mode that lets you design your own challenging machine. Micropendium called Gravity Master, "The equal of anything Electronic Arts (creators of the best selling Pinball Construction Set for Commodore) has produced."
30888 Disk **$15.95**

FRANTIC ARCADE ACTION

PIZZA! An exciting arcade game with exceptional graphics. You'll serve pizza to a never-ending string of increasingly impatient customers. Can you keep up with their voracious appetites? Written in Assembly language for super fast execution. Requires 32K Memory Expansion and either Extended BASIC or the Editor/Assembler module. From CSI Design Group.
30869 Disk **$15.95**

SPECIAL!

Norton Close-Out

$4.95 Each WHILE THEY LAST!

14975 Lunar Lander - Disk, Ext. B, 32K Sug. Retail $17.95
11005 Tank - Cassette Sug. Retail $14.95
10994 Tank - Cassette, Ext. B Sug. Retail $14.95
14989 Tank - Disk, Ext. B, 32K Sug. Retail $17.95
10941 Attack Man - Cassette, Ext. B Sug. Retail $19.95
15004 Attack Man - Disk, Ext. B, 32K Sug. Retail $22.95

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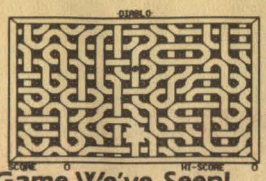
DIABLO



The Most Original New Game We've Seen!

DIABLO. It looks like a maze game but it isn't. It's not an arcade game either, but the action is fast and furious. With 116 movable panels, this game demands strategy, planning and decisive control to keep the ever-advancing ball from rolling off the board. The game is nearly impossible to describe, and its originality means there is nothing we can compare it to — but take our word for it: it's fun, challenging, frustrating, and addictive! Requires Extended BASIC. From Extended Software.

22488 Cassette **$17.95**
22493 Disk **$17.95**

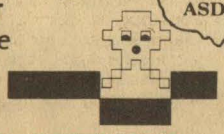
GAMES PAK III — KONG, BOUNCER, and ROMEO. All three EXTENDED Software arcade games on one convenient cassette or disk. Separate prices total $38.95.

11930 Cassette **$23.95**
11944 Disk **$23.95**

The Game Chosen by T.I.!!

ASD&D

ENTRAPMENT
(An Arcade Game You Can Beat)



ASSEMBLY LANGUAGE ACTION!

ENTRAPMENT. TI left the home computer market before they could publish Entrapment, but it meets all their demanding standards and is available through American Software. To win this game you must build a wall from one side of the screen to the other. Blast the advancing bugs before they land and they turn into part of the wall. Set traps and put obstacles in their way to earn extra bonus points. Assembly Language speed keeps you frantically busy! And each wave of bugs moves faster than the last. Six levels of difficulty make Entrapment challenging and fun for everyone. Ages 10 and up. Requires 32K, disk system, and either Extended BASIC, Mini-Memory or Editor/Assembler. Joysticks optional.

30470 Disk **$14.95**

MINI MEMORY SOFTWARE

If you have a Mini Memory you can take advantage of great games written in assembly language that you can load without any other peripherals — just a cassette recorder.

BREAKOUT 99. Parrysoft brings the arcade classic to your TI! Break through the multicolored brick wall. Incredible ricocheting action off top of screen. 16 action packed levels of play, each more difficult than the last. Requires MINI MEMORY.

20957 Cassette **$16.95**

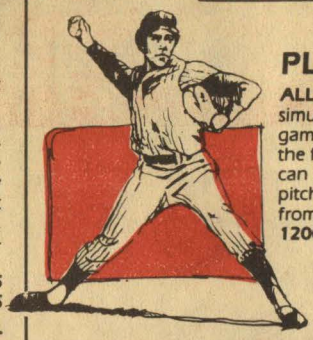
SUPER KONG. Help Henry reach the top of the warehouse before the TNT explodes! Ride up and down elevators, but don't jump into the unforgiving bowling balls, which you must jump over. 16 exciting levels of play. From Parrysoft. Requires MINI MEMORY.

20942 Cassette **$16.95**

MINI-PEDE. Enter the magical mushroom forest of the quick, elusive Mini-Pede. In this arcade classic you try to destroy an advancing stream of creatures (that split and recombine) while avoiding the spider that periodically bounces across the screen hoping to destroy you. Get extra points by shooting ants.
Get ready for Assembly Language excitement, fast action and responsive joystick control.
Available in Assembly Language on both cassette (requires Mini-Memory) and disk (requires 32K and either Extended BASIC or Editor/Assembler). From CSI Design Group.

20980 Cassette **$12.95**
30840 Disk **$14.95**

FUTURA SOFTWARE



PLAY BALL! — Our No. 1 selling sports game.

ALL-STAR BASEBALL II. Baseball in the dead of winter? Why not!? This incredible simulation for two players combines strategy play with animated action. Watch the game on two screens. . .a bird's-eye view of the baseball diamond; or a close-up of the field. Realistic game play has foul balls, walks, base stealing, and even errors! You can fling a fast ball, sneak in a slider, or toss a ball! The batter can swing, take the pitch, or steal. Double and triple plays are possible! Super graphics and animation from Futura. Runs in either BASIC or Extended BASIC.

12007 Cassette **$16.95**

TOURNAMENT BOWLING

ALL-STAR BOWLING. The animation is spectacular and the action is realistic. Move your bowler across the alley, fire a fast or slow ball, toss a straight one, or roll a hook! Realistic pin action — you can pick up those nasty splits. Great sound and graphics. From one to eight players, keeps separate game and series scores for each player. Automatic scorekeeping, extra balls in the tenth, and even gutter balls. Requires Extended BASIC.

12012 Cassette **$16.95**

"Better than Centipede. . .The difference is spectacular. . .The animation is also superb."
—Micropendium

SALE

NORTON software

KILLER CATERPILLAR. You'll recognize this worm with the dozens of little moving feet, but he looks a lot better than he did in the mushroom patch! This time he's shooting his way through a brick wall. Watch out for mean spiders, spinning girders, and spectacular explosions. Great arcade action. Choose from two skill levels for beginning and advanced players. You can use the keyboard to control the caterpillar, but joysticks are recommended (select from 9 control speeds to suit the style of controller you're using!) From Norton Software. Cassette/Disk version requires 32K memory; and Extended BASIC, or Editor/Assembler, or Mini-Memory.

Sug. Retail $19.95
31135 Disk **Sale $14.95**

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SUPER FROGGER. This arcade game from NORTON really is super. If your frog avoids being splattered by a speeding truck, it still has to contend with piranha infested waters, crocodiles, and snakes. Great graphics. Requires Extended BASIC.

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adventure/fantasy games

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SPIDER MAN.™ Become Spider Man.™ . .climb walls and sling webs as you try to solve the riddle of the Chief Examiner.™ It's certainly not business as usual at the Daily Bugle. Spider Man™ is battling it out with Lizard™, Hydroman™ and Mysterio™. Even the help of Madam Web™ might not be enough to get him through this one. Requires Adventure Command Module. Sug. Retail $19.95
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Adventure #13. . .

SORCERER OF CLAYMORGUE CASTLE. The 13 Stars of Power, lost long ago by Solon the Master Wizard, must be reclaimed from Vileroth who has concealed them within Claymorgue Castle. The faithful young apprentice Beanwick has been dispatched to retrieve the stars. Many spells and dangers await himl Requires the Adventure Command Module. Sug. Retail $19.95
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37833 Cassette **$17.95**
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Adventure Command Module
37866 Required for above Adventures (this is the same module included in the Adventure game, part #18317 listed on page 3) **$15.95**

ADVENTURE HINT BOOK. Provides additional clues to help you out of sticky spots. . .yet still lets you solve the adventure yourself. Includes a special section on the making of Adventure maps. Covers all 14 Adventures.
37852 **$7.95**

LET'S DISCUSS. . .Adventure Games

Like arcade games, adventure games are an outgrowth of the computer's unique capabilities. Unlike the former, however, adventure games do not usually incorporate fast moving graphic displays; some have no graphics at all. Instead, they use the computer's ability to store lots of information and to employ complex branching structures. A typical adventure game involves a journey, an exploration of a building or maze, etc. You can normally choose your direction and your actions, and the computer will respond in appropriate fashion. Usually, you must use deductive logic to find a series of actions that will allow you to achieve the object of the adventure. Some games incorporate random elements that make each adventure different. If you enjoy puzzles that require logic and creativity, adventure gaming may be for you!

Dungeon Adventure Games. . .

DOOM OF MONDULAR. A hundred years ago the wicked wizard Zarka, aided by the magical ring from the Tower of Loom, cast a curse on the peaceful and happy village of Mondular. You will travel through the mystical land of Agnar and search for treasures and power in the Dungeon of Dread as you seek to release Mondular from its doom. Bewarel. . .for traps, hidden passages and monsters await you. Four characters (2 warriors, a priest and a wizard). 10 levels of play. From Symbiotech, Inc. Requires Extended BASIC, 32K. Sug. Retail $19.95
34605 Disk - Regular Version (Adults) **$16.95**
37743 Disk - BASIC Version (Kids-5 levels of play) **$16.95**
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DOOM CHARACTERS. This helpful utility program displays and/or prints the possessions, attributes, and known spells of all your DOOM characters. For use with 80-column printers. Requires Extended BASIC, 32K. From Symbiotech. Sug. Retail $17.95
37781 Disk **$15.95**

STAFF OF POWER. Travel in search of treasures and power in the Dungeon of Dread. A fascinating 10-level maze full of monster's traps and hidden passages. As you gain skills the characters will grow stronger, wiser, and better able to survive. Features hi-res graphics, 3-D maze displays, and superb programming. Requires Extended BASIC, 32K. From Symbiotech.Sug. Retail $21.95
37796 Disk **$19.95**

RING OF THE DARK LORD. The Ring Raiders have stolen the Rings of Agnar and have returned with them to the castle of the Dark Lord, their master. Rumors about the castle tell of trap doors, hidden passageways and walls that move. Your challenge is to adventure through a 12-level maze and reclaim the Rings of Agnarl Requires Extended BASIC, 32K. From Symbiotech. Sug. Retail $21.95
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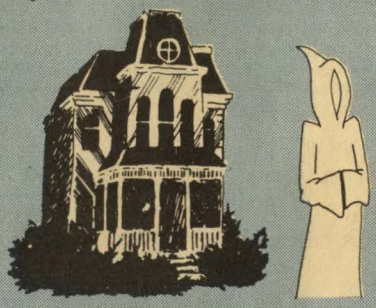

WIZARD'S DOMINION. An ominous glow beckons, inviting you to navigate the passages of crystal in search of adventure, gold and magical powers. Only the bravest dare to enter the cavernous world of the Wizard's Dominion. This best selling adventure game features 3-D perspective graphics and complex battles. Can you defeat the Ogre and capture the gold? Ten levels of increasing difficulty and hundreds of caves per level will keep you busy. Ages 12 to adult. Requires Extended BASIC. From American Software.
10444 Cassette **$16.95**
10459 Disk **$18.95**

HAUNTED HOUSE. Monsters and magic lurk everywhere in this strange house. Only the brave and the clever will escape with the ruby. Of intermediate difficulty, recommended for ages 12 to adult. One of Scott Morgan's TIventures from American Software. Requires Extended BASIC, joysticks.
10514 Cassette **$12.95**
11221 Disk **$14.95**

IN SEARCH OF: THE FOUR VEDAS. In this challenging adventure, you must find the ancient books of your tribe, lost years ago. These books will give you great knowledge of the past and of magic. You will need all of your wits to surpass the difficult obstacles that face you. A TIventure by Scott Morgan from American Software. Of advanced difficulty, recommended for ages 12 to adult. Requires Extended BASIC.
10533 Cassette **$12.95**
11240 Disk **$14.95**

MINER '49er. Begin this adventure in a ghost town that once was a prosperous mining town. Enter the abandoned mine to search for hidden treasures guarded, some say, by a monster. A TIventure by Scott Morgan and American Software, of intermediate difficulty, recommended for ages 12 to adult. Requires Extended BASIC.
10528 Cassette **$12.95**
11236 Disk **$14.95**

"Adventures don't get much better. . .flawlessly executed."
—Micropendium

LOST TREASURE OF THE AZTEC. Rated "A" by Micropendiuml In this adventure of moderate to advanced complexity and difficulty, you are searching for the lost treasure of the Aztecs, hidden secretly as the army of Cortez advanced toward the Aztec capital of Tenochtitlan. This adventure uses frequent disk references to allow greater complexity, lengthier descriptions, etc. Requires disk system and Extended BASIC. From Mind Games Software.
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HITCHHIKER'S GUIDE TO THE GALAXY. As you wander through the Galaxy you'll never be at a loss as long as you carry a towel and your trusty volume of Hitchhiker's Guide To The Galaxy with the words "Don't Panic" written in large, friendly letters on the cover. You'll also be prepared with your "peril sensitive" sunglasses. . .at the approach of danger they turn black (so you won't have to watch!).
The same outrageous universe created by Douglas Adams in his best-selling science fiction novel, The Hitchhiker's Guide To The Galaxy, is now the setting for Infocom's interactive adventure.
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KHE SANH is a game about guerilla warfare in South Vietnam during the Tet offensive in 1968. The elusive North Vietnamese and Viet Cong units could remain hidden in the jungle and attack when conditions were right. The American forces could only conduct often futile searches for the guerillas in hopes of preempting these attacks. This baiting game ended in 1972 when the American forces withdrew.
In this tactical skill game you command a military base in Vietnam. You have five platoons of troops and four helicopters at your disposal to search out and destroy two companies of North Vietnamese regulars (who are controlled by the computer). To win you must accumulate more points than the computer. From NOT-POLYOPTICS.
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Rated "AAAAA" by Micropendium.
TOWER. As the Air Traffic Controller of a large East Coast airport on a dark, lowering night (visibility poor, ceiling 400 feet or less), countless lives depend on your quick thinking and steady nerves. To make matters more difficult, your airport is considered one of the most dangerous in the country due to tight flight paths and stringent noise standards.
Your duties as controller entail landing five planes (DC9's, 727's and Private planes) and allowing five planes to take off. The aircraft will send messages to the tower, and you must respond. You're in controll
Three levels of difficulty keep the game challenging. Requires Extended BASIC. From NOT-POLYOPTICS.
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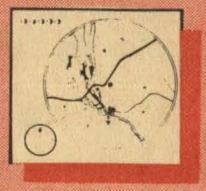

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SENGOKU JIDAI. A warfare simulation game from NOT-POLYOPTICS based on the period in Japanese history known as the age of Warring States. Defend your castle stronghold and make war on your neighbors with armies composed of samurai, archers, and foot soldiers. Terrain strength , formation, and luck affect battle results. For 2-3 players.
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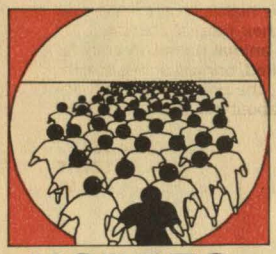

HORDES
Game of Global Conquest

HORDES. Excellent graphics highlight this game of global conquest from NOT-POLYOPTICS. On a map board display, your armies attack and conquer territories. Your navies convoy armies, blockade straights, and hold seas. A tactical challenge for 2, 3 or 4 players.
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STARSHIP PEGASUS. Contact Extra-Terrestrial Intelligence in this game for 1 player from NOT-POLYOPTICS. Explore and conquer a different corner of the galaxy every time you play. The screen shows you each solar system you approach — you must find, contact, and exploit the alien races by force of diplomacy.
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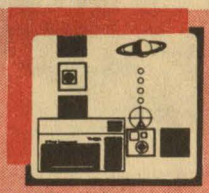

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SPACE WAR

COSMOPOLY. The Space War game from NOT-POLYOPTICS. Buy planets and moons in the solar realm and fortify your bases for the war to come. On a board with 40 squares, acquire an entire system and you can escalate for higher stakes. Arcade action adds quick movement, rolling obstacles and the ability to blitz opponents' bases with super projectiles. For 2-4 players. Requires Extended BASIC.
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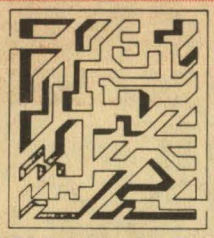

3-D Maze

3-D MAZE. From American Software. The realistic 3-D graphics allow you to explore hundreds of different mazes, some easy, some difficult. Avoid the dead ends and loops to find the exit. Awarding it four stars, the TI Users Group called this one "the finest maze program we have seen." Ages 12 to adult. Requires Extended BASIC.
10478 Cassette $12.95
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Sug. Retail $29.95
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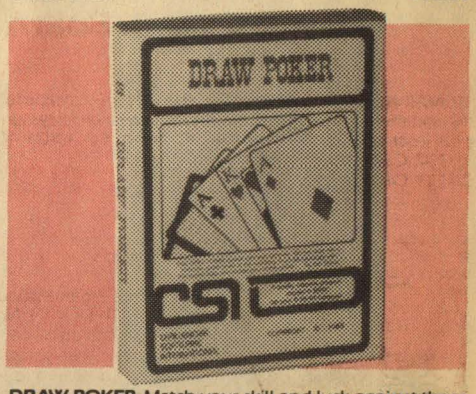

DRAW POKER. Match your skill and luck against those of the TI computer. A very realistic simulation from CSI Design Group. The computer actually observes your play and adjusts its play to yours.

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education

AT THE ZOO

by: D. Loertscher and T. Rednour

Includes World Map Display

microfal®

AT THE ZOO. This fun and educational program for ages 4 and up offers exceptional graphics and makes the most extensive use of the TI Speech Synthesizer we've ever seen. Studies concentrate on spelling, geography and general knowledge about animals. A great way for children to learn how to operate the computer!

The first section, "A World of Animals," displays a detailed map of the world, highlighting and identifying 12 major areas. The child may select an animal or area of the world; or let the computer proceed automatically. Homelands of the animals are highlighted on the map while the computer describes (through the Speech Synthesizer) their natural habitat.

In the next section, "At The Zoo," the emphasis is on spelling the animal names. A colorful zoo scene is drawn and the name of an animal is spoken and, if desired, printed on the screen. The child then types the name to match. If the spelling is correct, the program says an approving phrase, draws the animal in the zoo, and some information about the animal is spoken. The child has three tries to correctly spell the word.

Requires TI Speech Synthesizer and Terminal Emulator II.

Sug. Retail $24.95
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HANGMAN. Features excellent graphics with animation and tests a child's spelling abilities. The program has nearly 400 words built-in for individual practice, or any word may be entered for a two player game. **MEMORY** is like the old TV game "Concentration." Two players find matching pairs of letters on a playing board. Whoever gets the most matches wins!
21203 Cassette **$9.95**

NUMBERS I. Uses magic hats and number factories to help your preschooler learn and recognize numbers. Lively animated graphics make this game extra fun. **NUMBERS II** teaches the concepts of before and after and provides an introduction for addition and subtraction skills. Colorful scoring system gives rewards to top performers.
21222 Cassette **$9.95**

LETTERS I. Teaches preschoolers the upper case letters. Animated graphics feature magic genie bottles and alien spacecraft. Also helps your child learn letter locations on the keyboards. **LETTERS II** teaches the alphabet using bright graphics. Two games, "Before and After" and "Fill in Blanks," help your child learn where each letter belongs. Built-in scoring provides performance measurement.
21237 Cassette **$9.95**

MACDONALD'S FARM. Asks you to help Farmer MacDonald round up his runaway animals. A nice rendition of "Old MacDonald Had a Farm" plays whenever you find an animal and get him back into the barn. This is our most popular game. **SIMON SAYS** plays a musical tone and color pattern and you must repeat it exactly or Simon wins. Starts out easy and gets harder.
21241 Cassette **$9.95**

JUNIOR HANGMAN. Is an alternate version of the popular HANGMAN game. This version has over 350 built-in words for five and six year olds. The program was developed and tested under the guidance of a veteran Kindergarten teacher. **JUNIOR MEMORY** allows two players to compete in finding matched pairs of shapes on a 16 square playing board. A junior-level concentration-type game. The most matches wins!
21312 Cassette **$9.95**

ADDITION. Is the first of a four program series in basic arithmetic skills. This program features flash card drills in addition. The level of problem difficulty can be varied and, based on player performance, the computer will encourage moving to different skill levels or to different programs. A timer option challenges the player's ability to answer quickly, as well as accurately. **SUBTRACTION** is similar, but with subtraction problems.
21260 Cassette **$9.95**

SHAPES. Provides two games in shape recognition. In the first game, the player names eight basic shapes. The second game asks the player to match like shapes. **DIRECTIONS** is a tutorial program that teaches left and right and top and bottom. Two colorful friends, Tom and Kate, help in the learning process.
21289 Cassette **$9.95**

HIDDEN LETTERS. Hides five letters on the screen. Using clues from the computer, you must guess what they are. Bright colors and lively music are featured. **LETTERS III** is a good program for the child just learning the alphabet. A lower case letter is displayed and the child must press the correct upper case letter to receive a "smiley face" reward.
21294 Cassette **$9.95**

MATH TEST. Was written for the classroom, but could also be used at home. The computer gives a math test of up to 30 problems (that you specify) to a maximum of 40 students. The computer scores and stores the result of each test for the teacher's information. Each test can be stored on tape for later use. **FACTORS** features flash card practice in basic addition, subtraction, multiplication, and/or division, with any factor you choose. Computer scoring and evaluation helps build your child's confidence.
21345 Cassette **$9.95**

GLOW WORM. Is one of KIDware's most popular games. Help your worm gobble up food pellets without bumping into the wall or biting himself. Gets increasingly difficult as the game goes on (requires joysticks). **HUMPTY DUMPTY** is a computer jigsaw puzzle for kids. Put Humpty back together after he falls off the wall. Has fun music and bright colors.
21326 Cassette **$9.95**

BUNNY COUNT. Lets you count the bunnies as they hop across the screen. Good game for the child just learning to count. Colorful rewards for good performance. **EARLY MATH** presents addition and subtraction problems with the numbers 0 to 9. A tutorial program that graphically demonstrates adding and taking away. Positive rewards build confidence.
21256 Cassette **$9.95**

SHOOT THE MOON. Is a spelling competition for up to four players. Play two games, "Flasher" and "Scrambler," with your spelling list. You can even save the list on tape for future use. Great program for home or school. **SPELLMAN** lets you play "Hangman" with your own spelling list. The list can be typed in or read from cassette tape. Optionally, when finished playing, your list can be saved on tape for later reference. Ideal program for elementary school kids.
21331 Cassette **$9.95**

GO FISH. Lets you cast your line and haul in the big ones. Full animated action. Features crabs that cut your line and clams that steal your bait. See how many pounds of fish you can catch. **SLEDDING** challenges you to guide your sled down a fast, snow-covered hill with the joysticks. Watch out for trees and rocks!
21398 Cassette **$9.95**

ALPHABET SOUP/JUNIOR MIXER. In ALPHABET SOUP, fill your giant soup bowl with 1-26 letters and then put them in alphabetical order. JUNIOR MIXER has over 350 words for 5 and 6-year olds. Words are displayed with letters mixed up and your child tries to unscramble them. You can also enter your own word for competition. Ages 3-7. From KIDware.
30677 Cassette **$9.95**

CLOCK/DICE. CLOCK is an excellent program for teaching your child how to tell time. A lesson in reading the hands of a clock is given. Following the lesson a quiz is given to check mastery of the skill. Nice graphics and difficulty levels. DICE is a game with a new twist. From 1 to 4 dice can be displayed. You have to count the dots on each die and enter the sum of all the dice. Good practice for dice-based games. Ages 5-10. From KIDware.
30727 Cassette **$9.95**

SPELLING TUTOR/MATH TUTOR. SPELLING TUTOR helps your child with spelling the fun way. Using your words, three different quizzes can be taken. Spelling lists can be saved on tape for future use. MATH TUTOR allows your child to practice math problems you put into the computer. Hence, math lessons are easily tailored to your child's level and abilities. Tests can be saved on tape. Colorful scoring rewards correct responses. Ages 6-12. From KIDware.
30732 Cassette **$9.95**

COLORS. Has two fun games in color discrimination and recognition. The first asks you to name seven basic colors. In the second game, the player must match identically colored squares. **NUMBER GAMES** has two games relating digits and names for the numbers 0 to 9.
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NEW NEW

ABC's/123's. Young children won't even realize they are learning numbers, letters and keyboard familiarity as they play Kidware's newest pair of educational games. ABC's/123's. Fun graphics teach letter and word association in ABC's and numbers and counting concepts are presented in 123's.
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ADDITION II/SUBTRACTION II lets you practice adding and subtracting in columns. You even enter the answer one digit at a time from right to left — just like you would on paper. Optional "borrowing" practice in Subtraction II.
37936 Cassette **$9.95**

FRACTIONS I/FRACTIONS II Starting by displaying pictorially the concepts of what fractions are, FRACTIONS I/FRACTIONS II progresses from simple exercises to instruction in how to add, subtract, multiply, and divide simple fractions.
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WORD PROBLEMS I/II Let your child practice addition, subtraction, multiplication, and division with the use of fun word problems. WORD PROBLEMS I/II will also explain, if desired, how to solve a particular problem.
37955 Cassette **$9.95**

SOLAR SYSTEM/TEMPERATURE is a great selection for budding scientists. Learn about the nine planets with colorful graphics. Temperature teaches how to read a thermometer and how to convert Farenheit readings to Celsius.
37969 Cassette **$9.95**

QUIZMAKER/TRUE-FALSE. For students, teachers, or parents! QUIZMAKER/TRUE-FALSE lets you make your own multiple choice or true/false quizzes for practice or for real. Enter your own data for any subject. Data can be saved to disk or tape for use again and again.
37974 Cassette **$9.95**

CIVIL WAR/KING features special translations for the TI 99/4A of two of the first computer simulations ever developed. In CIVIL WAR, you command the Confederate Army in trying to rewrite history. KING lets you rule your own country, allocating resources for various purposes and trying to survive your reign.
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TYPING I/TYPING II teaches you first how to position your hands and which finger is used to press each key, and then progresses to actual practice. Good for beginners.
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LEMONADE/CODEBREAKER. The first part of LEMONADE/CODEBREAKER is a fun lesson in basic economics; you operate a lemonade stand, buying lemons, sugar, and cups while keeping an eye on the weather and demand. The second part teaches deductive reasoning as you try to guess a four letter code from clues given by the computer.
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FAMOUS PEOPLE. Learn about the people who shaped history in this new set of quizzes from Kidware. FAMOUS PEOPLE I/II covers the period before 1865; Famous People III/IV covers the period after 1865.
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MicroEd

GRAMMAR, USAGE, AND VOCABULARY

CONTRACTIONS. Teaches use of contractions by displaying either a contracted or uncontracted word; the student enters the other form. Two space warriors reward ten out of ten performance. From Micro-Ed. Requires Extended BASIC.
14744 Cassettte **$8.95**
14759 Disk **$11.95**

THE VERB. This program from Micro-Ed covers action verbs, linking verbs, and verb phrases. The subject matter is first defined and taught through example. The learner is then tested, and his performance summarized.
14209 Cassette **$8.95**
14214 Disk **$11.95**

MISPLACED OR DANGLING MODIFIERS. In this program from Micro-Ed, the learner determines whether twenty randomly presented sentences are correct or contain a phrase or clause modifying the wrong word. Summarizes performance. Requires Extended BASIC.
14867 Cassette **$8.95**
14872 Disk **$11.95**

TROUBLESOME PRONOUN. Since most errors in using pronouns occur in sentences that use a pronoun with a noun, a proper noun, or another pronoun, Micro-Ed presents an easy way to decide which usage is correct followed by a game-format quiz. Summarizes performance. Requires Extended BASIC.
14886 Cassette **$8.95**
14891 Disk **$11.95**

IDENTIFYING COMPLETE SENTENCES. Groups of words are displayed, and the student must identify whether or not it is a complete sentence. Performance summarized at finish. From Micro-Ed.
14360 Cassette **$8.95**
14375 Disk **$11.95**

RUN ON SENTENCES. The learner moves an arrow across the screen to divide a group of words into two complete sentences. During the lesson, the learner and the computer race airplanes across the top of the screen. Performance summarized. From Micro-Ed. Requires Extended BASIC.
14566 Cassette **$8.95**
14571 Disk **$11.95**

TACHISTOSCOPE. Evaluate and improve reading skills with this program from Micro-Ed. Small groups of words are flashed on the screen, and the student must read each group at a glance and then type it correctly at the keyboard. Five different speed settings. Performance summarized. Elementary level. Requires Extended BASIC.
14603 Cassette **$8.95**
14618 Disk **$11.95**

PREFIXES. In this program from Micro-Ed, the student selects the correct prefix from a list to complete an incomplete word. Covers RE, CON, COM, EX, EN, IM, IN. Requires Extended BASIC.
14763 Cassette **$8.95**
14778 Disk **$11.95**

MORE PREFIXES. Similar to Prefixes, but covers PRE, PRO, DE, DIS, and UN. Requires Extended BASIC. From Micro-Ed.
14782 Cassette **$8.95**
14797 Disk **$11.95**

COUNT 'EM. How many rabbits are on the screen? If the child guesses the correct numbers (from one to ten), the right answer rabbit hops across the screen; if not, a cartoon style bomb appears! Summarizes performance at end of lesson. By Micro-Ed.
14228 Cassette **$8.95**
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DIRECTION AND DISTANCE. Children learn the eight directions of the compass as well as how to estimate distances on the screen in this game format program from Micro-Ed. Early learners and primary grades.
14303 Cassette **$8.95**
14318 Disk **$11.95**

CLOCK. Children learn to tell time the easy way in this program from Micro-Ed. A clock face is displayed, and the child must enter the time shown by the hands. Typing "H" for help will display the time if the child doesn't know the answers. Summarizes performance at end of lesson.
14322 Cassette **$8.95**
14337 Disk **$11.95**

SUFFIXES. Similar to Prefixes, but works with suffixes. Covers NESS, MENT, TION, SION, ANCE, and ENCE. From Micro-Ed. Requires Extended BASIC.
14800 Cassette **$8.95**
14815 Disk **$11.95**

MORE SUFFIXES. Similar to Suffixes, but covers FUL, LESS, ANT, ENT, ABLE, IBLE, and OUS. From Micro-Ed. Requires Extended BASIC.
14829 Cassette **$8.95**
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GUESS THAT WORD. Create spelling lessons using your own words. Store up to fifty words each in any number of files. Or, use one of five built in word lists. The computer randomly selects words from the appropriate list, and displays a row of blue boxes equivalent in length to the word. The student may try to guess a letter, the whole word, or ask the computer to reveal a letter. Points are awarded or deducted, and a running score maintained. Includes sound effects. From Micro-Ed. Requires Extended BASIC.
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COMPOUND WORDS. Reinforce skill in breaking down compound words. This program from Micro-Ed selects a compound word randomly from a bank of 25; the student then must enter the two smaller words that make up the compound word. Performance summarized after ten words. Requires Extended BASIC.
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HARD AND SOFT C. Each problem in this program from Micro-Ed is a word (drawn from a bank of 50) containing a hard or soft C. The student must press "S" if it is a soft C sound or "K" if it is hard. Summarizes performance. Requires Extended BASIC.
14689 Cassette **$8.95**
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HARD AND SOFT G. Similar to Hard and Soft C, but student must differentiate the two "G" sounds. From Micro-Ed. Requires Extended BASIC.
14706 Cassette **$8.95**
14711 Disk **$11.95**

DROPPING THE FINAL E. This program from Micro-Ed teaches spelling skills related to forming a word from a base word with a final E and adding on ED or ING. Ending performance summarized. Requires Extended BASIC.
14725 Cassette **$8.95**
14730 Disk **$11.95**

DICTIONARY GUIDE WORDS. The guide words in a dictionary are the words at the top of the page, representing the first and last words on that page. This program from Micro-Ed improves dictionary skills by displaying words which in each case the learner must match to an appropriate set of guide words. Requires Extended BASIC.
14622 Cassette **$8.95**
14637 Disk **$11.95**

ANTONYM MACHINE. From a bank of 50 pairs of antonyms, this program from Micro-Ed picks a pair and displays one of the words. The student must then enter the antonym. Twenty randomly selected pairs per lesson. Elementary level. Summarizes performance.
14463 Cassette **$8.95**
14478 Disk **$11.95**

HOMONYM MACHINE. Similar to Antonym Machine, but works with pairs of similar sounding words like meet and meat. From Micro-Ed.
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PUNCTUATION SERIES. A drill and practice method for teaching punctuation from Micro-Ed, on eight separate lessons. The student examines a sentence selected by the computer and identifies where punctuation mistakes occur. Performance summarized at completion of each lesson. Requires Extended BASIC.
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USAGE BONERS. Correct common errors and prepare students for standardized achievement tests with this extensive drill and practice series from Micro-Ed. Contains 15 programs to review problems such as lack of agreement between subject and verb, double negatives, etc. Summarizes performance at end of each lesson. Requires Extended BASIC.
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MicroEd

WORDS IN CONTEXT SPELLING SERIES. Available for grade levels two to six, this major drill and practice series from Micro-Ed teaches spelling by first displaying a list of words that illustrates particular rules or patterns and then displaying sentences with words missing. The student either from memory or by recalling the list, selects the missing word and enters it. Performance is summarized at the end of each lesson. Each grade level consists of 36 lessons, each covering a specific rule, pattern, or group of words. 5-6 lessons per program.

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TRAIL WEST. Can you reach the gold fields of California before you run out of food, ammunition, clothes or supplies? In this educational game from Micro-Ed, the player hunts for food and travels across the country, contending with random events such as a big storm or an overturned wagon. For elementary through adult.
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14341 Cassette **$8.95**
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MAKING AN OUTLINE. After reading an article presented by the computer, the student must finish a partially completed outline by selecting subtopics in the order in which they appear in the article. Performance summarized at end. From Micro-Ed.
14389 Cassette **$8.95**
14394 Disk **$11.95**

MAPS AND GLOBES. This series is designed to be used with the booklet, Skills for Understanding Maps and Globes, by Job and Wolf (Follet Publishing Co.) Chapters include, A Map is Made; The Metric System; The New World; Flat Maps of a Round Earth; People and Products; — 19 in all! One program covers each chapter. From Micro-Ed. (Additional student booklets are available). Requires Extended BASIC.
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16945 Subtraction Skills ..... (1-4)
16950 Multiplication—Basic Concepts ..... (2-6)
16964 Multiplication Skills 1 ..... (2-6)
16979 Multiplication Skills 2 ..... (2-6)
16983 Division—Basic Concepts ..... (2-6)
16998 Division Skills 1 ..... (2-6)
17009 Division Skills 2 ..... (3-6)
17014 Fractions—Terminology and Concepts ..... (2-5)
17028 Addition and Subtraction ..... (3-7)
17033 Multiplication and Division ..... (3-7)
17047 Decimals—Terminology and Concepts ..... (3-8)
17052 Ratio, Proportion and Percents ..... (3-7)
17066 Geometry—Basic Concepts ..... (2-7)
17071 Measurement ..... (3-7)

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17085 Basic Word Building ..... (2-5)
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17175 Word Meanings ..... (4-8)
17189 Applying New Words ..... (4-8)
17194 Understanding and Using New Words ..... (4-8)
17206 Locating Basic Facts ..... (4-7)
17211 More Basic Facts from Reading ..... (4-7)
17225 Understanding What You Read ..... (5-8)
17230 Remembering What You Read ..... (5-9)
17244 Remembering More of What You Read ..... (5-9)
17259 Interpreting What You Read ..... (5-9)
17263 Understanding Basic Facts ..... (5-9)
17278 Understanding More of What You Read ..... (5-9)
17282 Describers and Conclusions ..... (6-9)
17297 Different Types of Describers and Conclusions ..... (6-9)
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17315 Fact and Non-Fact ..... (6-9)
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17334 Evaluating What You Read ..... (6-9)
17348 Author's Purpose and Your Conclusions ..... (6-9)
17353 Separating Fact from Opinion ..... (6-9)

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17403 Making Nouns and Pronouns Agree ..... (3-7)
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17722 General Reading 1 ..... (6-9)
17737 General Reading 2 ..... (6-9)
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17845 Biology 1 ..... (7-10)
17850 Biology 2 ..... (7-10)
17864 Biology 3 ..... (7-10)
17879 Biology 4 ..... (7-10)

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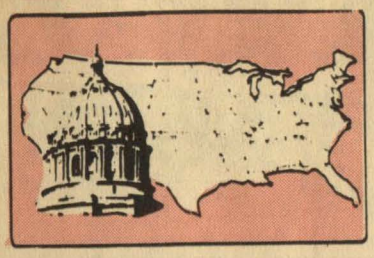
GAME OF THE 50 STATES



GAME OF THE 50 STATES. An educational game about the capital cities and nicknames of the 50 states. Game options allow you to either guess states by their capitals, or guess states by their nicknames. You can also type the name of a state and the computer will display the capital and nickname. Only correctly spelled state names are accepted by the computer. Two players or teams can play. Utilizes color graphics, sound effects, and optional speech using the Speech Synthesizer and Terminal Emulator II. From Challenger Software International.

21059 Cassette **$12.95**
30836 Disk **$14.95**

MAPLE LEAF

HAPPY MATH. Addition and subtraction fun for 4 to 6 year olds from Maple Leaf. Animated, endearing happy face character waves encouragement. Adjust difficulty to player's ability. Optional voice output requires Speech Synthesizer and Terminal Emulator II modules.
12913 Cassette **$12.95**

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12908 Cassette, Mexican Coins **$12.95**

AMERICAN SOFTWARE DESIGN & DISTRIBUTION CO.

ASD&D

LOGO MICRO-SCENES

Children can create colorful, dynamic scenes with these activities. Children learn colors, letters of the alphabet, and the recognition and spelling of nouns, verbs, adjectives, and adverbs. Artificial rewards and scoring for right or wrong answers are avoided. A child's natural desire to learn reading and writing is fostered as they discover their ability to be creative and solve problems. Documentation includes picture and word cue cards, instructions for changing and adding words, and suggestions for use with various age and skill levels both at home and in the classroom. Ages 3-8. Logo language. From American Software.

Beach Micro-scene
A highway running along a waterfront is the setting of this action-packed activity.
21415 Cassette, Logo I or II **$17.95**
20075 Disk, Logo I or II **$19.95**

SPELLING TEACHER. Spelling teacher is designed for students to enter their weekly spelling list from school. After you enter the words you want to study, the spelling teacher will flash the words back for you to spell. Flashing the word back for a fraction of a second actually reinforces correct spelling. The computer remembers the misspelled words and goes over them with you to help you learn them. A speech option is included for those with the speech synthesizer and Terminal Emulator II. From American Software.
11311 Disk **$19.95**
11306 Cassette **$17.95**

SPEED READ. Written by Wm. G. Browning, PhD, this series of programs helps you dramatically improve your reading rate. Includes information on the reading process as well as pacing aids and rate check passages. Step-by-step format, self exams and progress charts complete the professional approach to speed reading. An invaluable aid to high school and college students or anyone who wants to read faster. From American Software. Requires Extended BASIC.
23507 Cassette **$26.95**
23512 Disk **$28.95**

Barnyard Fun

BARNYARD FUN. This fast moving game challenges the memory using familiar farm animals hiding behind barns. Even adults will enjoy playing this game with their children. Colorful graphics hold the youngster's attention. Ages 4 to 8. From American Software.
10497 Cassette **$12.95**
11217 Disk **$14.95**

genealogy

The Genealogy Workshop

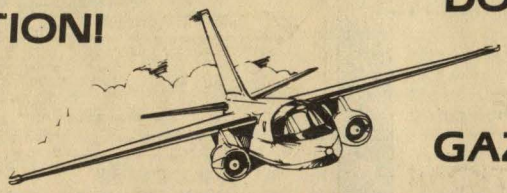
from microfal®

•A FULL-FEATURED GENEALOGICAL RECORD-KEEPING SYSTEM •ORGANIZE YOUR FAMILY DATA •CATALOG YOUR SOURCES

THE GENEALOGY WORKSHOP. Written by Les and Cindy Cattin, this program allows you to automate many aspects of keeping your genealogical records. This program is easy enough for a beginner, but will also prove useful to more experienced genealogists. "Family Data" function stores all of the vital information on each individual. Searches can be made to find common birth and death locations; you may also search for a name. "Overview" function stores the names and vital dates for each family including up to 20 children; this provides a more distant, less detailed view of the family. "Sources" function stores the details of where specific data was obtained; source record numbers correspond to citations in Family Data. Program also prints sequentially numbered Cross Reference Forms, Family Group Sheets, and Source Sheets. All programs include revision capability and give you the option of hard copy or screen display. Requires 32K Memory Expansion, Extended BASIC, disk system, and eighty column printer system. Package includes handsome three ring binder with ample room for storing additional notes, data, etc.
Sug. Retail $49.95
20801 Disk **$42.95**

special interest, hobbies, misc.

REALISTIC FLIGHT SIMULATION!



DOW-4 GAZELLE

DOW-4 GAZELLE. Learn to fly or refresh your skills if you are already a pilot with this flight simulation program from John Dow. The program simulates a typical private, 4-place single engine instrument equipped airplane. Features include a full color instrument display and realistic sound. Beginners will learn to take off, land, and use radio navigation aids. Advanced skills include stall recovery, slow flight, and steep turns. Requires joystick.
21467 Cassette **$25.95**

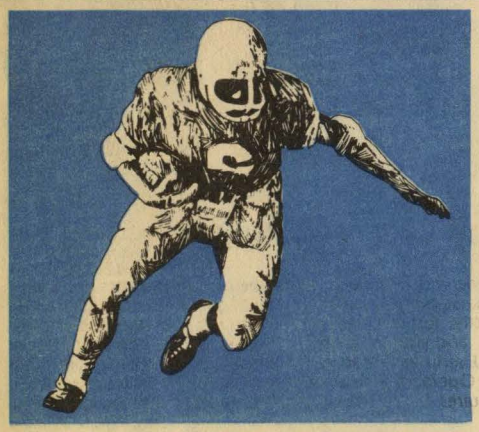
MAKE Your Own VIDEO TITLES

•Commercial or Home Use

VIDEO TITLES I. Now produce custom titles for video recordings using your TI-99/4A! Three unique character styles — Bold, Computer, and Miniature are proportionally spaced and automatically centered for truly professional appearing titles. Twenty-six color combinations and multiple screen division with scrolling. This unique software lets your TI perform many of the same functions as professional title generation equipment costing thousands of dollars! Suitable both for commercial and home use. Runs in TI BASIC. From J & KH Software.
21518 Cassette **$25.95**
21522 Disk **$25.95**

•Professional Appearance

VIDEO TITLES II. Use this program to produce **automated sequences** of custom titles for in-store advertising or for video recordings. Features include three proportionally spaced character styles (Bold, Computer, and Miniature), choice of centering or justification for each title, variable spacing, four frame styles, overlay of custom designs (logos, for instance), and storage for forty titles, forty sprite patterns, and ten title sequences. From J & KH Software. Requires Extended BASIC and disk system.
21537 Disk **$42.95**



PRO FOOTBALL ANALYST. The Ridge system is a proven way to choose NFL and USFL winners against the point spread! The Pro Football Analyst has achieved a remarkable 66.3 win rate over the past five years. Only requires five minutes a week to analyze a complete slate of games — your local newspaper provides all the statistics necessary. Easy to use! Sug. Retail $34.95
38041 Cassette **$27.95**
38056 Disk **$27.95**

SOUND DIGITIZING WITH YOUR TI

SOUND DIGITIZER EXPERIMENT 1. A unique assembly language program from Data Force that digitally records in memory sounds "listened to" through your cassette recorder, and will reproduce them on command. Program waits until first sound is heard and "records" until a pause of about ½ second occurs. Will record up to 6 words (average) in Mini Memory; optional 32K memory expansion permits more recording times. Uses same basic idea as the new digital hi-fi equipment, but with a reduced sampling rate to conserve memory. Requires Mini Memory and cassette recorder. Sug. Retail $19.95
21491 Cassette **$17.95**

LEARN MORSE CODE

LEARNING MORSE CODE AND PROGRAMMABLE MORSE CODE PRACTICE. A pair of programs from Dynamic Data to get you up to speed quickly! Learning Morse Code teaches the characters and provides drill and evaluation. Programmable Morse Code Practice offers more flexible practice, based on transmitting a message of up to 500 characters. Transmission speed and tone frequency are user-adjustable in both programs. Sug. Retail $22.00
11569 Cassette **$18.95**
11574 Disk **$18.95**

MUSIC SYNTHESIZER. Develop music even if you don't have a musical background! With a few commands, you duplicate the sheet music right onto the screen. The computer will then play it for you. Store it for use in your own programs. Runs in BASIC or Extended BASIC. From Norton.
10956 Cassette **$17.95**
14960 Disk (Req. Mem. Exp.) **$19.95**

THE MUSICIAN AND PLAYER. The MUSICIAN enables you to enter three part music using simple notation. Songs can be played, saved, and recalled from either disk or cassette. The program allows you to design your own music or use your old favorites. The computer played music is great fun. A separate program, THE PLAYER can be used to play music that has been previously saved. Ages 12 to Adult. From American Software.
11325 Cassette **$8.95**
11330 Disk **$10.95**

MUSIC EDITOR. Enter notes on a large "music sheet" on the screen — this program will generate the data statements required to reproduce the sounds in either BASIC or Assembler format. Data may be saved on disk for future editing. From Navarone. Requires Extended BASIC, 32K Memory Expansion, and disk system.
21589 Disk **$17.95**

HIGHER, SAME, LOWER. A good choice for a simple first introduction to music, this program from Micro-Ed plays two notes randomly selected from a bank of 67 pairs. The learner determines if the second note is higher, the same, or lower than the first. Summarizes performance at completion.
14266 Cassette **$8.95**
14271 Disk **$11.95**

COMPUTER THERAPY

DR. NUTTIER. This half-baked mental-health buff will field your questions with mind-blowing answers! Not always silly, either; some are downright unnervingly accurate. A million laughs and hours of pure, clean fun! Any age can play this masterpiece. Tremendous logic behind this program from Futura. Speech optional with the Speech Synthesizer and Terminal Emulator II.
12327 Disk **$18.95**

ASTROLOGY — Horoscope Maker. A powerful program from Navarone for the professional astrologer or the serious student of astrology. Takes the pain out of casting a horoscope chart! The program automatically calculates the precise location of each planet, then prints a chart wheel with the planets located in houses selected from up to 9 house systems. Provides a printed chart in only 10 minutes that includes planet positions, house positions, elements, dignitaries, and much more. Charts may be saved on disk for future reference. Requires Extended BASIC, 32K Memory Expansion, Disk System, and an 80 column printer.
Was $42.95
21594 Disk **NOW ONLY $17.95**

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.
ORDER STATUS HOTLINE 1-219-259-7053.

home management/business

WORD PROCESSING & DATA BASE WITHOUT MEMORY EXPANSION!

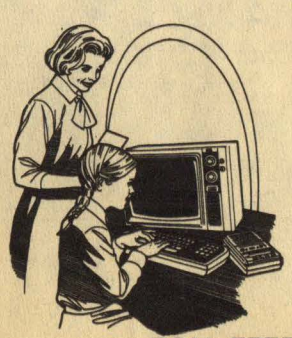
TYPWRITER from Extended Software runs in Extended BASIC and does not require the 32K memory expansion. While this limits a few of the features, you'll be surprised at the versatility and power of this economical word processing package. Use any devices for Input/Output text storage; disk, cassette, or combination. Features complete text editing by cursor control — insert/delete lines, partial print, page forward or backward, and more. Software controls the printer; depending on its capabilities, one can enhance print, underline, format, use 28 to 254 characters per print line, etc. 20 page instruction booklet included. Requires Extended BASIC, cassette or diskette storage, and printer system.

11752 Cassette **$27.95**
11766 Disk **$29.95**

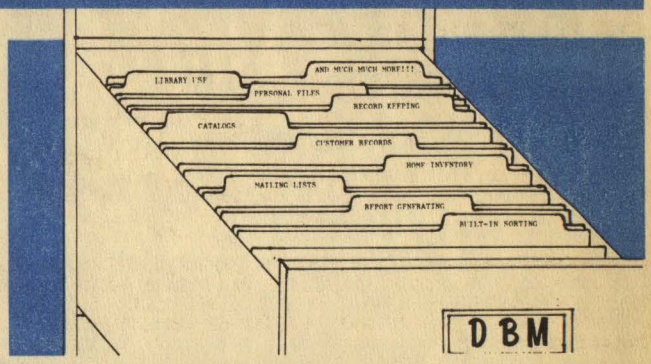
OBTAIN THESE FINE PROGRAMS FREE!
See Page 24

NAME-IT. Extended Software has created a versatile data management system for mailing lists, catalogs, files, labels, and many other useful applications. Name-It works with any printer, or will display data on the screen only. Complete editing under cursor control is allowed; an entire record is displayed on the screen at one time. Form letter program (included) will coordinate data stored by Name-It with a form letter in Extended's Typwriter program (sold separately). Name-It data can also be easily converted for use with TI Writer form letters. Will search by any record item; search for a specific name or for a class of data. 20 page instruction booklet, 2 sample record files, and one sample form letter are included. Disk version stores 250 records of up to nine 28-character items per record. Disk version sorts 100 records in 30 seconds, 250 records in 100 seconds. Cassette version allows input of up to 2500 characters in nine 28-character record items; cassette output is condensed for minimum access time. Requires Extended BASIC.

11978 Cassette **$27.95**
11982 Disk **$29.95**

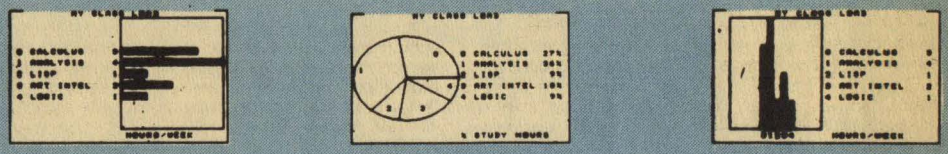


ORGANIZE YOUR INFORMATION!



DATA BASE 99. At last! A fast, flexible, full-featured data base, that is easy to use! Create your own mail list, Christmas card file, bowling scores, list of collectibles, etc. Design your own format of up to 28 fields with up to 28 characters each (maximum 245 characters per record). Store 350 records per single-sided disk, 700 records per double-sided disk. Sort on any field. Select subfiles based on any criteria. Print in the format you need. . .any field in any column on any line. Output is compatible with TI-Writer and QS-Writer file requirements, so you can edit it or include it in a larger document. Requires 32K, Extended BASIC. From Quality 99 Software.

Sug. Retail $39.95
32597 Disk **$34.95**



A PICTURE IS WORTH A THOUSAND WORDS!

CHART MAKER. Turn ordinary numbers into impressive graphs and charts for presentations, reports, papers, etc. Create pie charts and horizontal or vertical bar graphs from your input data. Display on your screen or send to your printer. Quick and easy. Menu driven, select normal or full size (80 column) printouts. Requires disk drive, and Draw 'N Plot (see Utilities section). From Quality 99 Software.

Sug. Retail $29.95
32737 Disk **$24.95**

TI-WRITER UTILITIES SPELLING CHECKER! FILE LOCK!

Rated "A" in performance by Micropendium.

THE ONLY SPELLING CHECKER FOR THE 99/4A AND TI-WRITER

AUTO SPELL-CHECK. This power packed tool will provide you with documents free of typing errors and spelling mistakes. Here's how it works: Auto Spell-Check compares every word in your text against a set of dictionaries and makes a list of every word that doesn't match exactly. You can then review the list and correct mistakes. Auto Spell-Check comes with a 20,000 word dictionary. . .and you can create your own dictionaries of specialized words that you use often, up to 2,000 words each. Even has a feature for automatically adding words to your dictionary as part of the document review process. Operates with either the TI Writer or Editor/Assembler module. Comes with 12-page manual. Two-disk set. Requires TI Writer or Editor/Assembler. From Dragonslayer American Software.

Sug. Retail $39.95
32691 Disk **NOW ONLY $34.95**

NEW

PADLOCK PLUS. Keep your TI-Writer files confidential! Padlock will prevent anyone who doesn't have your code from accessing your files. Stops snoopers cold! Package also includes Autocat, a file organizer, and Autoplot, a hi-res graphics utility. From Dragonslayer. Requires 32K, TI-Writer (for Padlock), and Extended BASIC (for Autocat and Autoplot).

Sug. Retail $29.95
38060 **$24.95**

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.
ORDER STATUS HOTLINE 1-219-259-7053.

RUN YOUR BUSINESS WITH FUTURA SOFTWARE

Business Applications

FUTURA Business Software is a system of interacting modules comparable in power to the software one may expect to find in much larger computers. The FUTURA System will provide the small businessman a total accounting package.

Each module requires a TI99/4A computer with two (2) Disk Memory Drives, a printer equipped with compressed printing (16.5 cpi), and the Extended BASIC Command Module. The 32K Memory Expansion Unit is required by all the modules, with the exception of General Ledger, which runs in the standard 16K memory.

FUTURA Business Software is designed to operate with most RS232 interfaced printers equipped with expanded and compressed printing, a 66-line form length, and software-activated top-of-form.

WORD PROCESSOR. Allows you to create, maintain, and print any number of text files. Several separate files may be combined to produce a single document. You select line spacing and character types, as well as customized insertions. You set the margins, left/right justification, headings, indentions, etc. Upper and lower print is used. Many fine editing functions allow you great flexibility while creating your letter, manuscript, or document. You may enter the edit mode by issuing a command code at any time. Such operations as: delete, insert, move and replace words or lines, are available. The editor will hold up to four 8.5"x11" pages of text at one time, and keeps a running tally of memory available. Automatically interfaces with the FUTURA Mailing List to provide mass mailings.

Was $84.95

12204 Disk **Now Only $59.95**

MAILING LIST. Provides for maintenance, selective retrieval and printing of labels, either singly or side-by-side(up to 4) for a file with up to 500 names. Labels may be printed in different sequences (i.e., Zip code, name) optionally selecting and printing only those which meet the selection criteria. Up to sixteen group fields may be established and coded for selection; in addition, almost any data field may be included in the selection scheme. This system integrates with the FUTURA Word Processing System to provide personalized mass mailings.

12473 Disk **$84.95**

ACCOUNTS PAYABLE. A comprehensive system that retrieves vendor accounts from files by vendor name and/or vendor number, at the operator's option. The system selects open invoices for payment on the due date, indicates cash requirements by pay period, incorporates a dual checkwriting system whereby some or all checks may be manually written or printed by the system. Invoices are scheduled for payment during data entry and may be rescheduled at all times prior to payment.

The system provides ten valuable reports, plus a checkwriting program. All reports, including checks, are printed in alphabetic sequence by vendor name to minimize manual search time of historical data. This system, when so established, will automatically interface with the FUTURA General Ledger, transferring to that system all the entries for expense distribution and disbursements.

12420 Disk **$127.95**

PAYROLL. Processes personnel and payroll information for up to 150 active employees. Stores same historical data for 150 inactive employees. Prints earning reports, personnel data sheets and (optionally) payroll checks. Withholds proper taxes and provides necessary information to prepare quarterly and annual government reports. Compatible with General Ledger.

12487 Disk **$127.95**

ACCOUNTS RECEIVABLE. Permits optional retrieval of customer accounts either by the customer's name or account number. Maintains an aged record of all unpaid items and prints two trial balance reports: A condensed report, one line for each account that shows the account balances by age group; and the second report which is a detailed list of all open items, aged by account. The Accounts Receivable System produces invoice registers, journals, open items list, cash receipts, aged trial balance and customer statements.

12435 Disk **$127.95**

BILLING. Customer accounts may be retrieved by account number or name for multi-copy invoices and (optionally) a packing list. FUTURA Billing System may also be used for point-of-sale invoicing. A complete audit trail is available with daily invoice registers and sales journals. Optional interface with FUTURA Inventory Management affords automatic adjustment of inventory quantities. In addition, the Billing System may be interfaced with the FUTURA Accounts Receivable and/or General Ledger System for a fully integrated accounting function.

12449 Disk **$127.95**

GENERAL LEDGER. Includes data entry and maintenance of the Chart of Accounts/Balances and General Journal entries. Accounts are accessed at random by account number during all phases of the operation. The Integrity of data input is assured through complete edit and validation — will not permit posting to non-existent accounts; the account description is displayed each time an entry is made, for visual verification. This module provides five reports: (1) The General Journal; (2) Trial Balance; (3) Balance Sheet; and (4) Income Statement for permanent record keeping; plus a "proof list" of the General Journal entries. The three major financial reports may be printed as often as desired.

12454 Disk **$127.95**

INVENTORY MANAGEMENT. Provides for the maintenance of a Product/Inventory/Price file of 1300 + items, with a part number of up to ten characters and a description of up to 24 characters. Other features include warehouse location, taxable status, unit cost and two selling prices. In addition to printing purchase orders, the system will also provide a stock status report by product within a category, a below minimum/out-of-stock report, sales and receipts logging, price lists, and other. Full integration with the FUTURA Billing and Accounts Receivable are included options.

12468 Disk **$127.95**

Economical, powerful Word Processing, from Dynamic Data & Devices

DIRECT WRITER II. Word Processing Package from Dynamic Data. Great features at an economical price! Advanced capabilities include:

- —Edit over text - retype only the characters you need, not the whole line.
- —High speed cursor
- —True upper and lower case
- —Line length from 32 to 132 characters
- —Color coded tabs - up to 17 of them
- —Automatic centering
- —Insert, delete, & move lines as needed
- —Intelligent right justification avoids big gaps
- —Two display modes-scrolled and "moving window"
- —String search/replace for easy changes
- —Program "looks ahead" for adequate storage space
- —Automatic page numbering
- —Form feed options
- —Underlining
- —Small, normal & large text
- —Much, much more

Requires Extended BASIC, Memory Expansion and Disk System; Usually used with Thermal or RS-232 printer, but can output to a cassette if desired.

11062 Disk **$39.95**

FUTURA SOFTWARE

Award-Winning

HOUSEHOLD INVENTORY. This was the winning program in Texas Instruments' author incentive contest! Keeps track of all household inventory items. Prints a periodic report, by room, of all your possessions, showing purchase price and actual replacement value (calculated on purchase date and the previous years' price indices). An invaluable document to have for insurance purposes. Program may also be used to catalog any extensive collection such as coins, records, books, etc. Requires Extended BASIC. From Futura.

12238 Disk **$29.95**

TRENDLINE ANALYSIS II. This greatly enhanced version of the original Trendline helps you analyze and/or predict stock market activity by computing the slope, mean or standard deviation. Other features include: Bar graphs; bar graph projections (linear regressions) in three colors; storage of financial data on disk or cassette; simplified data entry, including insertion or deletion of data anywhere within your storage file. Offers three calculation modes — single calculations, multiple calculations with fixed origins, and multiple calculations with moving origin. Includes detailed manual. Compatible with data files from the original Trendline program. Disk version includes both the 16K and 48K versions and automatically decides which will run on your system. Requires Extended BASIC. Printer optional. From Dynamic Data & Devices.

11081 Cassette **$24.95**

11096 Disk **$24.95**

AMERICAN SOFTWARE DESIGN & DISTRIBUTION CO.

HOME INVENTORY

This program is designed to keep track of your valuables. Each item can be assigned a name, code, room or category, date purchased, original cost and estimated life. You can add and delete items as well as edit existing information. The computer will calculate the depreciated value of your items. Each inventory file can contain as many as 600 items. This program can be a valuable asset. From American Software. Requires Disk system and Extended BASIC.

11344 Disk **$14.95**

Auto Maintenance

This program keeps a maintenance record on every car you own. That's just the beginning. There are over 20 preset maintenance categories that you can change, or add to, for a total of 50 maintenance categories available. You personalize a separate disk for each auto by setting up maintenance categories including each autos own maintenance frequency schedule in miles and months. Once your set up is complete you simply input the current mileage and the date, and the computer will tell you which maintenance items are "overdue", "due shortly", or "o.k.". Cost information is also available in several forms from the maintenance record to help your planning. This program is invaluable as a management tool for your auto investment. Requires Memory Expansion, Disk system, and Extended BASIC. From American Software.

11274 Disk **$17.95**

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.
ORDER STATUS HOTLINE 1-219-259-7053.

ata Base lanagement ated "A" by Micropendium

NEW

.a database program that stands out from the pack."

CORN 99. The data base system from Oak Tree tems provides both comprehensive data base func- ns and access to other data bases from Extended SIC.

data base parameters are user defined and limited ly by the capacity of the disk being used. Two-level ord hierarchy allows the creation of "logical" records unlimited size by using repeating groups of data. orn 99 handles one first-level record format, and ee second-level record formats per data base for a al of 56 different data items per data base. Search eria includes equal, less than, greater than or not ual to fields in first-level records, including "and" and ". A logical copy utility allows you to duplicate a ta base and add, delete or relocate data items at the ne time. Also allows copying a subset or sorted bset. The report generator utilizes any 80-column or der printer.

Extended BASIC interface allows the user to write own programs to access any data base he has ated. This allows the user to extend the functionali- of Acorn 99 to perform many tasks. You are aided a "program pre-processor" that expands easy-to- ite commands into the required Extended BASIC tements and inserts them and required subroutines o the user-written program.

mes with complete, detailed instruction manual with plication examples included. Requires 32K, Extend- BASIC. Sug. Retail $59.95

587 Disk **$49.95**

NEW

TI COUNT

The Business System Selected by TI

iginally selected for publication by TI, but now eased by its original developers, Pike Creek Com- ter Co., TI Count is a powerful, fully integrated ac- unting, management, and mailing system for small d/or entrepreneurial businesses. TI Count stores and tantly retrieves needed data, produces appropriate rms and reports. Easy enough for anyone to use. stem requirements: disk system, Extended BASIC, and nter system. (Second disk drive and 32k memory ex- nsion recommended.)

ENERAL LEDGER. Up to 650 accounts, 5 journals ales, receipts, payments, purchases, general entries). terfaces with all other accounting modules. Sug. Retail $79.95

129 Disk **$74.95**

CCOUNTS RECEIVABLE. Up to 200 customer ac- unts per disk. Reports by customer, prints invoices d statements, produces aging summary. Requires eneral Ledger. Sug. Retail $79.95

148 Disk **$74.95**

CCOUNTS PAYABLE. Up to 200 vendor accounts per k. Automatic check printing with full control over rameters. Projects cash needs. Prints vendor list, eck register, more. Requires General Ledger. Sug. Retail $79.95

134 Disk **$74.95**

VENTORY. Stores up to 700 items per disk. Prints pur- ase orders, inventory reports, item labels. Keeps track backlog and returns. Sug. Retail $79.95

167 Disk **$74.95**

YROLL. Up to 100 employees per disk. Calculates y and withholding, prints checks and annual W-2 rms. Works with all common pay periods. Provides ormation needed for government reporting. Sug. Retail $79.95

153 Disk **$74.95**

AIL SYSTEM. A complete mailing system. Add, ange, delete names; move and merge files; print let- s, labels, cards, reports. Can interface with Accounts ceivable or Accounts Payable for mailings to stomers and vendors. Sug. Retail $49.95

172 Disk **$44.95**

WORD PROCESSOR & PRINTER HOOKUP!

—Cartridge Based
—32K & Disk System NOT Required
—Includes Printer Interface

NEW

MINI WRITER III

OUR DILEMMA: When we first saw Mini Writer III, we said "Great! A plug-in cartridge that lets the beginning word processing user with just a TI 99/4A console do everything — even connect a printer." When we started to use the program, though, we found it had features not found on other "bare console" word processors. In fact, it had power and features rivalling even the most expensive systems we sell. This created our dilemma — do we sell Mini Writer III as an all inclusive beginner system, or as a powerful tool, even for users who already have a word processor? We couldn't decide; instead, we'll let the facts speak for themselves and let *you* decide!

Mini Writer III uses the same formatting as TI Writer, and includes powerful commands like move, copy, search, word wrap, insert/delete characters or lines, chaining of files, disk directory, and more. Maximum document length is 145 line (with the 32K memory this is automatically increased to 290 lines). Saves to cassette or disk.

The most unique feature of Mini Writer III is that built into the cartridge is a 20 pin card-edge connector that provides an output capable of driving any standard parallel printer, including the TI impact printer, Epson, Star, and Axiom printers.

Whether you are looking for a very powerful, easy to use word processor or a way to start word processing without a big hardware investment, Mini Writer III is your ideal choice. Requires cable (below) to connect to printer. From Databiotics. Sug. Retail $99.95

35379 Cartridge **$79.95**

MINI WRITER III CABLE. Connects 20 pin card-edge to 36 pin parallel (Centronics) connector. Sug. Retail $24.95

35945 Cable **$19.95**

MINI WRITER II. If you don't need the printer connection but want to take advantage of the power and ease of use of Mini Writer III, here's a chance to save your money! Mini Writer II has the same great features described above, less the printer connection. Sug. Retail $49.95

35931 Cartridge **$39.95**

Rated "A" by Micropendium. EASIEST WORD PROCESSOR EVER! ". . .extremely fast in its operation."

NAVARONE

CONSOLE WRITER

Plug-In Letter Writer!

•Super Easy to Use •No Disk Drive Needed •No Memory Expansion Needed

CONSOLE WRITER. This word processor is simple enough for a child to use, and is great for unexpanded systems that have only a printer hooked up to the peripheral port. Features include a full screen text editor that lets you INSERT and DELETE both characters and complete lines. This program is perfect for many home word processing needs such as writing letters, notes, homework assignments, etc. A breeze to learn and use! Requires only TI99/4A console and a properly connected printer. Cassette or disk storage are optional. Was $49.95

32329 Cartridge **NOW ONLY $26.95**

DATA BASE MANAGER

•Design Your Own Screens •Sort On Up To Six Keys •Great for Business or Home Use

DATA BASE MANAGEMENT SYSTEM. Navarone's latest improved data manager offers plug-in cartridge ease of use. It allows you to develop and organize your files, design your own input screens, customize data entry and index information by multiple keys. A powerful sort utility will organize entire disk files in any sequence by up to six keys. Includes versatile reporting function. Requires disk system. Sug. Retail $49.95

31858 Cartridge **ONLY $44.95**

TENEX Computer Express T.M.

IMPORTANT!

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programming languages

SUPER EXTENDED BASIC. You've seen what Extended BASIC can do for your system. . .now take it one step further. Used in conjunction with your Extended BASIC cartridge, this exciting product from J & KH Software greatly expands the capability of the TI 99/4A by providing over 100 TMS 9900 Assembly language subprograms for data base manipulation, string and string array processing, integer handling, and video/display processor functions.

THE ULTIMATE PROGRAMMING TOOL FOR EXTENDED BASIC OWNERS

Here are just a few of the useful features you'll find in SXB:

- Data Base Management routines including SORT with multiple ascending and/or descending keys.
- Data compaction and encryption routines.
- Integer array handling routines which allow storage of 4 times as many numbers in a numeric array.
- String array manipulation.
- Enhanced screen handling capabilities.
- Lightning-fast character redefinitions including built-in forms definition.
- Enhanced sprite handling routines.
- Parameter passing between extended basic programs.
- Plus many other useful routines — in all over 100 new commands!

Functions are accessed using the Extended BASIC CALL LINK command. Without having to learn assembly language, you can write programs that use its power and speed! Requires Extended BASIC, disk system, and 32K Memory Expansion.

Sug. Retail $99.95
13600 Disk **$84.95**

WHAT ARE OTHERS SAYING ABOUT SXB?

". . .takes the TI-99/4A to a level which far exceeds the wildest imagination of a BASIC programmer."
—The New York Times PCUG

". . .people will be able to develop some decent file management programs with these routines to handle some good-sized data bases. . ."
—Computer Shopper

"This is one of the most valuable programming tools for the Extended BASIC programmer. . . Like Extended BASIC itself, the SXB package is not specific to one task. It is a COMPLETE enhancement package in that it makes every programming task simpler, not just those involving graphics or data handling alone. It would be great if many of these routines could have been included in the Extended BASIC cartridge itself."
—MICROpendium

SPECIAL OFFER

SAVE UP TO $64.95 WHEN YOU PURCHASE SXB!!

FREE SOFTWARE

As part of a special agreement with J & KH Software, when you buy SXB from Tenex Computer Express, you can obtain a **free** item direct from J&KH. The retail value of the free item can be up to $49.95 — combine that with our usual $15.00 savings off the $99.95 retail price of SXB and your savings could total $64.95!

Important Note: 1) Only SXB's ordered from Tenex Computer Express are eligible for the free item. 2) The free item must be ordered direct from J&KH — do not include this item on your Tenex order. You will receive an order blank with your SXB.

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Your free item may be chosen from the following list:
( ) SXB Backup Disk ($15.00 value)
( ) SXbrief Newsletter issues 7-18 ($10.00 value)
( ) SXB Version of Multi-Disk Informer ($19.95 value)
( ) Stand-Alone Multi-Disk Informer ($29.95 value)
( ) Video Titles I ($29.95 value) ( ) Tape ( ) Disk
( ) Video Titles II ($49.95 value)
( ) Video Titles III ($24.95 value) ( ) Tape ( ) Disk

WYCOVE FORTH

In comparing Wycove Forth to TI Forth, Micropendium states, "Overall, I prefer the Wycove version. . .it is consistent, well documented, and has many features not found in the TI version. Best of all, it is designed to be learned by the beginner."
—Micropendium

WYCOVE FORTH. Wycove Systems has brought the power and versatility of the Forth language to the TI-994/A! Forth is a powerful, flexible programming language — some of the features include:
—high speed graphics execution
—easier to learn than assembly language
—user may define changes to the language and special commands allowing incredible versatility

85 page manual (included) fully documents TI implementation of Wycove Forth, but presumes familiarity with Forth language. Beginning users should consider an introductory text to supplement the manual such as "Starting Forth" by Lee Brodie. Each package includes both cassette and disk, and programs that will run using any of the following: Editor/Assembler (requires the 32K Memory Expansion), Extended BASIC, or Mini Memory.
21607 Disk & Cassette **$42.95**

ASSEMBLY LANGUAGE SPEED! AS EASY TO PROGRAM AS BASIC!

9900 BASIC. This fantastic assembly language utility package allows you to write assembly language programs using Extended BASIC mnemonics and functions. It emulates functions in Extended BASIC including sprite commands, accept, display at, scroll and sound. You can have your sprites literally jumping at your command. Requires 32K Memory Expansion, Editor/Assembler and disk system. From CSI Design Group.
30910 Disk **$42.95**

ASSEMBLY WITH MINI MEMORY

DOW EDITOR-ASSEMBLER. Unique programming aid from John Dow makes assembly language programming using the Mini-Memory much easier. Both the Editor-Assembler and the assembly language program you are writing are stored in the computer's RAM, leaving all 4K of the Mini-Memory's RAM available for the assembled program. Features include ability to save and restore programs using cassette storage, ability to list or display programs, ability to insert, change, and delete statements, and ability to use statement labels of one to three characters. Requires Mini-Memory; Editor/Assembler. Manual recommended.
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utilities

ADVANCED GRAPHICS

DRAW-A-BIT. The ultimate graphic tool for the TI-99/4A, this program is a full function bit map drawing program written in assembly language. The over 80 drawing functions include foreground stroke, background stroke, draw arc and circle, draw horizontal or vertical line, store stroke, repeat stroke, and many more. Also includes unique connect-the-dots function and can paint the interior of any shape a selected color! Stores and recreates your pictures. Package includes sample files, a demo of animated drawing techniques, and a 20 page, 8 lesson manual. While relatively complex, this program is extremely powerful. From Data Force. Requires Extended BASIC, 32K Memory Expansion, and disk system.
21486 Disk **$50.95**

PRINT-A-BIT. The companion piece to Draw-A-Bit, this program facilitates the printing of your Draw-A-Bit creations. Made to work with Epson and Star printers. Requires Draw-A-Bit program. From Data Force.
31399 Disk **$19.95**

ECONOMICAL SCREEN DUMP

SCREEN DUMP. Print the screen — text or graphics — to a dot matrix printer. Disk version is easiest to use; cassette version requires mild programming knowledge. From Extended Software. Requires Extended BASIC and printer system.
11959 Cassette **$10.95**
11963 Disk **$10.95**

PROGRAM SHRINKER

COMPACTOR PLUS. Compact and/or analyze your BASIC and Extended BASIC programs with this new utility program from Dynamic Data. Many compactor functions are user selectable, and include remark deletion; variable, array, and subroutine renaming (optional cross-reference listing provided); line number correction after deletion, and more. Analyze for BASIC Keywords and BASIC Functions in any size program. Delete Lines and Resequence Lines function also included. Requires Extended BASIC and disk system. Printer recommended for Compact function and required for Analyze function. Complete instructions included.
21472 Disk **$25.95**

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POWERFUL GRAPHICS ROUTINES ON CARTRIDGE!

PAINT 'N PRINT. You've probably admired some of the beautiful computer art featured in computer magazines and hi-tech posters. Why not use your creativity and experiment with the latest computer art techniques at home on your TI 99/4A?
The Paint 'N Print graphics cartridge from Navarone gives you an art and graphics package offering the full color palate of your computer (15 colors) and 32 different brush styles. Design with rays and lines, squares and other shapes. Even put text in your pictures! Special features allow you to magnify small sections of your picture for detail painting. You can even move sections of your painting anywhere on the screen! With a little practice you'll be painting beautiful pictures in no time. Requires joystick or trackball, color printer, or black and white printer (if color printing is not required).

NOTE: Paint 'N Print is available in three versions — A, B and C. Be sure to order the version that works with your printer as described below. Sug. Retail $39.95

PAINT 'N PRINT A. For Axiom GP-100 and GP-700 printers.
34023 Cartridge **$34.95**

PAINT 'N PRINT B. For Axiom GP-550 and Okidata printers.
35307 Cartridge **$34.95**

PAINT 'N PRINT C. For Star Micronics, Epson, and IBM printers.
35312 Cartridge **$34.95**

Notice to Owners of the Original Paint 'N Print:
Now you can expand the capabilities of your Paint 'N Print cartridge with EXTENDED GRAPHICS. . .this program allows printing of your creations on more printers, along with other expanded features. Sug. Retail $29.95
35326 Cassette **$24.95**
34677 Disk **$24.95**

TRACKBALL. Super-easy controller — like a mouse, but without the need for lots of table space. Perfect for Paint 'N Print or your favorite games. Originally sold for $49.95!
10271 **Super Sale Price $14.95**

ORGANIZE YOUR DISKS!

When you first got your disk drive, things were simple. . .you had a few program disks, maybe some data files, and you knew where everything was. Now, it's different — you have lots of disks, lots of programs, lots of files, and sometimes finding the file you haven't used in a few months takes a lengthy search. Well, the answer to your problem is at hand. . .and it's amazingly inexpensive, too!

MASTER DISK FILE. Catalog up to 1100 programs or files from up to 120 disks with this new utility from Extended Software. Functions allow you to list files on screen or printer alphabetically by disk name or program name; search for disks or programs by name; update disks that have been changed — automatically replaces and updates old information; display or print total disks, total programs, individual and total sectors used and available, plus data for each diskette and each file. Supports single and double-sided disks, single and multiple disk drives, and all serial and parallel printers. Requires 32k, disk system; printer optional. From Extended Software.
20642 Disk **$14.95**

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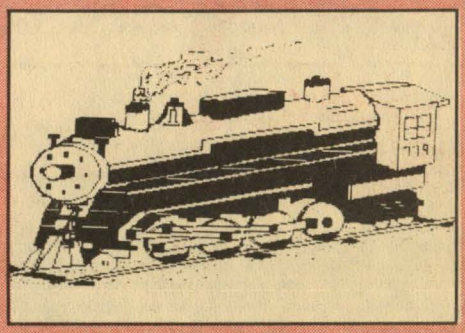

DRAW 'N PLOT. Create and print drawings, graphs, designs and illustrations. Draw any image on the screen with pixel accuracy and Assembly Language speed! The only limitation is your imagination! Simple enough for children - powerful enough for experts. Uses bit-map mode. You can mix text and graphics, set background color and line color, draw circles, FILL, ERASE. Save your creation to disk. Print on an Epson, Star Micronics, or Prowriter compatible printer. Printed artwork can be 40 columns or 80 columns wide. You can even plot your data and equations on the screen or a printer with 8 plotting commands. Menu driven. Requires 32K, Extended BASIC, joystick. Sug. Retail $39.95
32582 Disk **$34.95**

ASSEMBLY WITH EXTENDED BASIC

QS-ASSEMBLER. Load and run the Editor/Assembler disk (not included) with Extended BASIC. No module swapping. This enables you to create and edit your assembly programs using the powerful editing capabilities of QS-Writer and assemble it with QS-Assembler, all from the Extended BASIC Module only! From Quality 99 Software. Requires 32K, Extended BASIC, Ed/Asm disk. Orig. Retail $29.95
34408 Disk **Super Sale $9.95 Now Only ~~$17.95~~**

LOGO LISTINGS

LOGO-LISTER. List your LOGO procedures to a parallel or serial printer directly from a disk with the Extended BASIC module, LOGO module is not required. Very fast and easy to use. From Quality 99 Software. Requires 32K, Extended BASIC.

Orig. Retail $29.95
34413 Disk **Super Sale $9.95 Now Only ~~$17.95~~**

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TI WRITER WITHOUT THE CARTRIDGE!

QS-WRITER. Did you ever wish you could load and run TI-Writer without the inconvenience of the bulky cartridge? Now you can do just that with Extended BASIC, or Editor/Assembler, or Mini-Memory! No need to swap modules. It's so convenient, you'll wonder how you managed without it. You can even copy the Editor and Formatter programs onto the QS-WRITER disk so that everything you need is on a single, easy to use disk. Note: QS—WRITER does not include the TI Writer programs - you must have your own TI Writer program disk **OR** the public domain TI Writer enhancement disk (see page 3). Requires Extended BASIC, OR Editor/Assembler, OR Mini-Memory.
Sug. Retail $39.95
32722 Disk **Half Price Sale $19.95 ~~$34.95~~**

FORTH WITH EXTENDED BASIC

XB-FORTH. This program lets you load and run TI-FORTH (not included) with Extended BASIC. . .no need to purchase the Editor/Assembler module. More convenient, too! Requires 32K, Extended BASIC.
Sug. Retail $19.95
33049 Disk **Half Price Sale $9.95 ~~$17.95~~**

PROGRAMMING TIME-SAVER

QS-XREF. Produces a full cross-reference listing of all keywords, functions, variables, subprograms, and line numbers in only 2 minutes! An invaluable tool when writing or modifying programs. Saves hours of time in program development and debugging. Shows where variable is changed, in addition to where it is used. Outputs to either screen or printer! From Quality 99 Software. Requires 32K, Extended BASIC.Sug. Retail $39.95
33640 Disk **Half Price Sale $19.95 ~~$34.95~~**

SUPER PROGRAM EDITING

QS—CONVERTER. Now you can create or modify a program using the powerful editing capabilities of TI-Writer or QS-Writer, then, with assembly language speed, convert it back into a runable TI BASIC or Extended BASIC program! Completely automatic, no manual operations. Will also convert files downloaded from a BBS into a runable program. From Quality 99 Software. Requires 32K, Extended BASIC.
Sug. Retail $39.95
33636 Disk **$34.95**

LOCATE PROGRAMS FAST

THE LIBRARIAN. Find any specific program FAST with The Librarian. Produces an alphabetized catalog of all your disks, plus report of space available on each one. Does NOT require 32K. Requires Extended BASIC.
Sug. Retail $19.95
30358 Disk **Half Price Sale $9.95 ~~$17.95~~**

INSTANT DISK CATALOG

QUICK CATALOGER. Find out what is on any disk fast, without using Disk Manager or destroying the program in memory. Always available for instant use. Just type the command CALL LINK ("CAT") and get a complete catalog from any disk drive. Can also be used in your programs. Requires 32K and Extended BASIC, OR Editor/Assembler, OR Mini-Memory.
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30324 Disk **Half Price Sale $9.95 ~~$17.95~~**

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NEW

RAMDISK for FOUNDATION

QS-RAMDISK. Turn your Foundation 128K card into a true, 127 file RAM disk with no file size restrictions! You'll have all the capabilities of SS, SD disk, only at RAM speed! Read, write, and save to the RAM disk exactly as if it were a regular disk drive, using all the normal BASIC and Extended BASIC commands. Written in assembly language. At last you can use the full capabilities of your 128K card without modifying programs! Requires disk system, Extended BASIC, and Foundation 128K card with DSR option (not disk file emulator).

Sug. Retail $49.95
37049 Disk **$44.95**

MAKE BANNERS & SIGNS

NEW

BANNER MAKER. Print signs and banners in large letters, up to 6¼" high, either horizontally or vertically. Includes upper and lower case letters, numerals, and punctuation marks. Fast and easy to use. Great for parties, holidays, businesses, etc. Lots of fun for kids. Requires disk system, Extended BASIC and printer.

Sug. Retail $19.95
37068 Disk **$17.95**

SUPER-FAST COPIER

QUICK-COPYER II. This utility program will backup a disk in 3 passes or less, no matter how full the disk is or how many file names it contains (2 passes or less with Mini-Memory)! It's almost like having a second disk drive, only cheaper and faster! Quick Copyer II also speeds backups on a two-drive system. Save time. Save work. Save wear and tear on your disk drive. There are even more features! Initialize the copy disk in any format (including double density). Transfer single-sided to double-sided disk, single density to double density or vice versa. Reorganizes the copy disk for faster access. Automatically checks every byte written on the disk, so you know your copies are good! Even copies most protected disks! Requires 32K, and Extended BASIC, OR Editor/Assembler, OR Mini-Memory.

Sug. Retail $39.95
30292 Disk **Half Price Sale $19.95 ~~$34.95~~**

AUTO PROGRAM LOAD

EZ-LOADER. Automatically reads disk catalog. . .then loads and runs any program with just one keystroke! Deletes any filename with just two keystrokes. Save time, eliminate typing mistakes. This program is unprotected, so you can put it on all your disks for instant convenience. Requires 32K, Extended BASIC.

Sug. Retail $19.95
30339 Disk **Half Price Sale $9.95 ~~$17.95~~**

EASY DISK LABELS

DISK LABELER. Forget which programs are on a particular disk? Disk Labeler will show you instantly. Produces a disk catalog in condensed print on a mailing label which can be attached to the disk or disk envelope. Or print it on printer paper for your files. Shows how file-names are spelled and the space remaining on the disk. Requires Extended BASIC.

Sug. Retail $19.95
30343 Disk **Half Price Sale $9.95 ~~$17.95~~**

THE ULTIMATE DISK MANAGER

NEW

You'll Never Need Your Old Disk Manager Cartridge Again!

DISK MANAGER IV. Now you can have all the most frequently used disk manager commands and functions always in memory, ready for instant use! All the commands (except disk tests) are available in this easy to use format. No more swapping cartridges (and losing whatever is in memory) just to initialize a disk, check the disk catalog, etc. Save time! Save wear and tear on your console! This resident disk manager program gives you a disk catalog on the screen or printer, initializes a disk in any format (including double density), changes a disk name or file name, deletes a file name, or even changes file protection. All this is done from the command mode without disturbing your program in memory. (Disk Manager IV hides in the assembly language portion of memory, ready for immediate use, without reducing the space available for your program or interfering with it in any way.) You can even access disk manager commands from your Extended BASIC program. Works with TI, Corcomp, and Myarc disk controllers. Requires 32K, Extended BASIC.

Sug. Retail $39.95
37054 Disk **$34.95**

NEW

FANTASTIC SCREEN DUMP

-Now Dumps Many Cartridge Screens
-Optional Full Page Printout

SDUMP II. A fast, resident screen dump program. Print the screen on a printer in only 27 seconds with only one instruction! No programming knowledge required. You load this 100% Assembly Language program once, then it is always ready for instant use from your TI BASIC or Extended BASIC program, or from command module! Now prints in both normal size and big full page (80 column) size. With a load interrupt (sold separately), you can even print the screens from many cartridge-based programs including Tax/Investment, Household Budget, Video Chess, Home Financial Decisions, Securities Analysis, Disk Manager, Personal Real Estate, and many more. (To dump cartridge screens, you must have a load interrupt switch - see page 26). Supports TI, Epson, Star Micronics, Panasonic, Prowriter, and compatible printers. Requires 32K, and Extended BASIC, or Editor/Assembler, or Mini Memory.

Sug. Retail $29.95
36169 Disk **$25.95**

ECONOMICAL SPEEDY COPIER

THE DUPLICATOR. The fastest disk backup program available! Copies a single-sided disk in 2 passes or less; double-sided disk in 4 passes or less. Automatically verifies the copy disk. Copies most protected disks. Works with TI, CorComp and Myarc controllers. From Quality 99 Software. Requires 32K and Extended BASIC OR Editor/Assembler OR Mini-memory.Sug. Retail $19.95
32578 Disk **$17.95**

"MACROS" FOR YOUR TI

SOFTKEYS. How many times have you typed in LIST "PIO" or SAVE DSK1.FILE? Wouldn't it be great if you could store your frequently used commands for recall with a **single keystroke?** Now you can! SOFTKEYS from Quality 99 Software lets you create up to 10 of your own function keys — they can be any command you want, up to 140 characters each. For example, you could store commands like LIST "RS232.BA=4800.DA=8", SAVE DSK1., RUN DSK1.LOAD, or anything else you frequently type in. Thereafter, only one keystroke will instantly enter the entire command. A great timesaver! Written in Assembly language. Requires disk system, 32K memory and Extended BASIC.

Sug. Retail $29.95
38380 Disk **$25.95**

NEED EXTENDED BASIC?

Many software products require Extended BASIC to load and run. If you don't have Extended BASIC yet, or are interested in a spare, check our special offer on MicroPal® Extended BASIC on page 24. In addition to the high quality Extended BASIC cartridge and the professional 240 page manual, you now receive best selling word processing and database management programs at no extra charge - a retail value of over $150 for only $69.95!

—See page 24 for details!—

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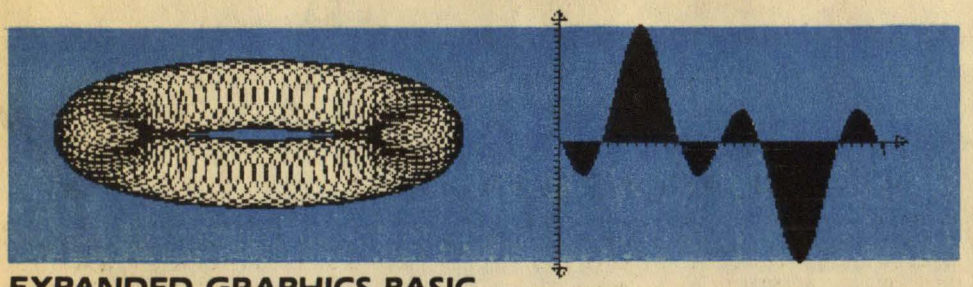

EXPANDED GRAPHICS BASIC

The comments we received when we previewed this fantastic new graphics utility from Amerisoft were unanimous: viewers were startled that the TI 99/4A was not only capable of producing the beautiful, complex graphics they saw, but could do it so **fast!**

Expanded Graphics BASIC, originally developed in Germany, adds **40 new commands** that transform the 99/4A into an incredibly powerful graphics generator on a par with computers costing thousands more!

Here are just a few of the things you can do with EGB:

—Mix graphics and text
—Generate beautiful designs, curves, and plots
—Add graphing routines to your business or technical programs (single pixel accuracy!)
—Simulate 3-D shapes
—Print your creations to Epson, Star, Axiom, and similar dot matrix printers
—Use your imagination — the possibilities are endless!

EGB should not be confused with sketchpad programs that are designed for interactive doodling. EGB lets you create, in programs that you write, an incredible variety of plots, designs, and graphs. You can add graphing routines to existing programs, or create new programs simply and quickly. Programs as short as 10 lines can create beautiful geometric designs! The built-in print utility lets you save your creations for display, use in reports and presentations, or any other purpose.

EGB runs in BASIC or Extended BASIC. The package includes a comprehensive manual with multiple demo programs that display key features and how to use them.

EGB requires a disk system, 32K Memory Expansion, and either Extended BASIC or Editor/Assembler, Epson compatible printer system is optional.

33068 Disk **$44.95**

PAINT IN COLOR!

MASTER PAINTER. Amerisoft has brought a graphics utility to the TI99/4A market that combines sophisticated power and outstanding ease of use! Create and edit designs and artwork; change colors; even define "objects" that can be used one time or dozens of times in your picture! Built-in print capability allows 80 column printing of your artwork on most common printers. Save your artwork to disk, or even incorporate it in your own BASIC or Extended BASIC programs. Originally developed in Germany, this versatile and powerful graphics tool can be used by doodlers and illustrators alike. Use your joystick to control the cursor. Create illustrations in minutes instead of hours! Requires Disk System, 32K Memory Expansion, Joystick, and Extended BASIC. Printer optional.

33087 Disk **$34.95**

3D IMAGING!

3D WORLD. This exciting new graphics tool from Amerisoft lets you define 3D images using a three-dimensional X-Y-Z point system. These images may be rotated in 90° increments; viewed from the top, bottom, and sides; even smoothly enlarged and reduced. Add or subtract individual elements, rotate elements individually, change colors, etc. A powerful and useful tool for students, designers, engineers, etc. Requires Joystick, Disk System; 32K Memory Expansion and Extended BASIC. Printer optional.

33092 Disk **$34.95**

DISK SECTOR UTILITY!

DISK SURGEON 99. A new high speed disk sector utility from Amerisoft! Read and write individual sectors, repair blown directories, locate starting pointers for programs and files, and more! Easy to use. High performance! Requires Disk System, 32K Memory Expansion and Extended BASIC or Editor/Assembler.

33110 Disk **$26.95**

SUPER SCREEN DUMP!

GRAPHICS GRABBER. Written in Assembly language for high speed operation! Easy to use from command level or in your own programs! Graphics Grabber is a screen dump utility that gives you fully magnified, double-size prints of your screen graphics on Epson, Star, and compatible printers. Typical print time for an entire screen is only 90 seconds! Dump vertically or horizontally on your printer; can be called from BASIC or Extended BASIC programs. This may be the easiest to use screen dump ever developed for the TI! Requires Disk System, 32K Memory Expansion, Printer System, and either Extended BASIC or Editor/Assembler.

33139 Disk **$17.95**

EASY COPIES!

COPY CAT. At last! An easy-to-use, economical, high speed disk copier for the TI 99/4A. Copies most single-sided disks in three passes or less. It can even initialize a blank diskette — you won't have to switch to your TI Disk Manager! Copies most protected disks. Don't lose your valuable software and files — always keep a current backup! Absolutely easy to use! Requires Disk System, 32K Memory Expansion, and either Extended BASIC or Editor/Assembler.

33143 Disk **$17.95**

WE WANT SATISFIED CUSTOMERS!

All items in our catalog are new, first quality, and have full manufacturers warranties. Should you need specific warranty information, please contact our Customer Service Department.

We guarantee our products to be free from defects and to be in complete working order. If any item is found to be defective, it may be returned within 30 days of receipt for prompt repair or replacement. Please contact our Customer Service Department for a Return Authorization.

NAVARONE

POWERFUL UTILITIES FROM NAVARONE

DISK FIXER. A powerful Assembly language program from Navarone that allows access to floppy disks by sector instead of file name. You can display or print the actual contents of any sector of a floppy disk. Other features allow you to change any byte on any sector or move data from one sector to another. This tool is ideal for fixing blown directories, improperly closed files, and recovering data from otherwise inaccessible diskettes. Includes "Hidden Powers of Disk Fixer." This 50-page manual contains complete step-by-step instructions to help you get the most from the powerful Disk Fixer utility. Requires Editor/Assembler, 32K Memory Expansion, and disk system.

21575 Module and Manual **$33.95**

HIDDEN POWERS OF DISK FIXER. 50-page manual (included with Disk Fixer module) helps you get the most out of the powerful Disk Fixer utility.

32563 Manual **$8.95**

SPRITE EDITOR. This program from Navarone will generate 8x8 and 16x16 character definitions for use with BASIC. Extended BASIC, or the Editor/Assembler. Data can be saved on disk for future editing. Special functions allow character patterns to be copied and reversed. Requires Extended BASIC, 32K Memory Expansion and disk system.

21560 Disk **$17.95**

BUG FIXER. For machine language program developers. Allows you to single step through machine language programs to de-bug them. Includes a disassembler. From Navarone. Requires disk system, 32K Memory Expansion, Extended BASIC or Editor/Assembler.

31401 Disk **$26.95**

COPY UTILITY

Don't let the low price fool you— this useful program will let you back up files or disks. Protect your valuable software investments.

SUPER COPY. This file-by-file copier allows you to copy files stored in virtually any format. Unlike whole disk copier programs, this handy utility lets you copy only the files you want to. Yes, even Extended BASIC and Disk Manager protected files and programs are copied easily and simply! You'll be amazed at the speed, too, because SUPER COPY is written in Assembly language. Requires 32K Memory Expansion, Extended BASIC. From CSI Design.

30905 Disk **$17.95**

FOUR IN ONE!

UTILITIES 1. From Republic Software. Four useful utility programs in one! The first three can be operated in BASIC, Extended BASIC, or Assembly Language; they are a disassembler, a group of screen dump routines, and point plotting routines for high resolution plots. The fourth is a unique speech utility that will allow the Speech Synthesizer to speak **any** word in an Extended BASIC program without TI's Terminal Emulator II or Text-to-Speech programs. Speech utility requires Extended BASIC and Speech Synthesizer.

10867 Cassette **$17.95**
10872 Diskette **$17.95**

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.
ORDER STATUS HOTLINE 1-219-259-7053.

40 COLUMN DISPLAY

DISPLAY ENHANCEMENT PACKAGE. At last! Display up to 40 characters per line instead of 28! Scroll backward and forward for up to 96 lines — even fix part of the screen while scrolling the other part. Use functions like DISPLAY AT, ACCEPT AT, PRINT, COLOR, VCHAR, HCHAR, CLEAR, GCHAR — all on a 40x24 screen format. (Note: use of the display in a 40 character width mode precludes use of sprites and other standard display functions. Also, display is limited to one background and one foreground color.) From Oak Tree Systems. Requires Memory Expansion Unit, Disk System, and **either** Extended BASIC **or** Editor/Assembler Module.

15038 Disk **$25.95**

PROGRAM CRUNCHER

SMASH. Conserve memory space in your Extended BASIC programs with this programming aid from Oak Tree Systems! This program will shorten variable names to 1 letter (or 2 if more than 26), combine lines, eliminate REM's and tail remarks. Will merge several subprograms; also, will convert TI BASIC programs to condensed Extended BASIC programs. Depending on program style, save 20% or more of your memory and disk space — also watch for a small improvement in execution time. Requires Extended BASIC and disk system.

15042 Disk **$21.95**

HI-RES GRAPHICS

REDUCED

GRAPHICS PACKAGE from Norton. Now you can easily create high resolution graphics in intricate detail in minutes. Three levels of detail available: from 768 to 49152 accessible points. Draw anything, any size, anywhere on the screen. The package will also draw straight lines between two points, circles, parabolas, ellipses, and more. Allows you to save the information that makes up the display on cassette or disk to be incorporated into your own program. Pays for itself in time saved! Requires Extended BASIC. Sug. Retail $23.95

10918 Cassette **$14.95**
10922 Diskette (Reg.Mem.Exp.) **$14.95**

ORGANIZE YOUR DISK FILES

MULTI-DISK INFORMER. Never lose track of your programs and data files again! This multi-disk cataloging program from J&KH Software produces two master listings for your disk collection: File Report — a sorted list of file and disk identification; and Disk Report — a sorted list of disk names identifying input sequence, sectors used, sectors free and total sectors, and counts by file type. Update your catalog listings easily with new SAVE and RELOAD features. Maximum 600 file names from up to 100 disks can be cataloged depending on file name and disk name lengths. Requires Extended BASIC, 32K Memory Expansion and disk system.

21503 Disk **$25.95**

RATED "A" by MICROPENDIUM

" . . .I am always looking for a good terminal emulator program. And I have found about the BEST!"

NEW

USER-FRIENDLY COMMUNICATIONS SOFTWARE!

4/A TALK. Telecomputing, or using your modem to talk to other computers, databases, bulletin boards, etc. is a lot of fun. Unfortunately, many "terminal emulator" programs are confusing and hard to use. At last we've found a full feature communications package that is significantly easier to use than the others we have evaluated. Baud rate is adjustable from 300 to 9600, so this program will work with any standard modem. Supports — Modem and TE II protocols. Full uploading and downloading. Easy to follow documentation explains how to set up your communications protocols. Requires disk system, 32K memory, properly interfaced modem, and Extended BASIC **or** Editor/Assembler **or** Mini Memory. From Databiotics.

34996 Disk **$19.95**

PEP

NEW

—Transfer files to IBM PC
—Works with any computer, including TI 99/4A

PEP. Printer Emulator Program is a new utility that runs on your IBM PC and turns it into a "printer" for other computers. The PC accepts the input through its RS-232 port, and can display it on the screen, print it on a printer, and/or save it to disk. PEP will accept data at a very high rate of speed — 960 characters per second or about 50K per minute. Even lengthy lists or documents can be "printed" to the IBM PC in a snap. The new file created by the IBM PC is an ASCII file for easy manipulation by commercial or user written software.

The uses for PEP are many. Users who have created lengthy mailing lists, word processing documents, or spreadsheets on the TI or other computers may want to transfer them to an IBM PC for use in sophisticated programs like 1-2-3, Wordstar, etc. A user with limited time available on a PC might use another computer to actually input data or documents and then transfer them to the IBM PC. (It's almost like getting a second IBM PC for free!) The time saved by using PEP instead of retyping documents or data could pay for the program in just a few days, not to mention the prevention of keying errors.

Here's what you need: a computer (TI or other) with an RS-232 output, an IBM PC with at least 128K of memory (256 preferred), and an RS-232 output, DOS 2.0 or 2.1 (or higher) for the IBM, and a connecting cable. The documentation describes the cabling requirements so you may make your own or provide specifications to a cable maker. The cable listed below fits most configurations for connecting the TI 99/4A RS-232 output to the IBM PC; check with our Customer Service Department to confirm that it is the right one for your setup.

Package includes TI and IBM PC software plus complete and easy to use documentation. Runs on IBM PC and many compatibles.

38131 Disk, IBM PC **$59.95**
38145 TI/IBM RS-232 cable **$24.95**

NEW

Advanced Utilities from Millers Graphics

ADVANCED DIAGNOSTICS. The ultimate disk dissector. Advanced Diagnostics does all the things you would expect a disk utility to do — read, print, or change — individual sectors, format and/or copy disks, show directories. . .and much more. Now you can look "in between" the sectors for hidden information, partially format disks, create and crack protection schemes, even check the speed of rotation of your disk drive. Compatible with TI and Corcomp disk controllers plus Myarc's 128K RAM disk. Package includes comprehensive 40 page manual. Requires Disk System, Memory Expansion, and Extended BASIC or Editor/Assembler or Mini Memory.

Sug. Retail $19.95
38112 **$17.95**

EXPLORER. If you really want to know what happens in your TI's microprocessor, Explorer is for you! Actually lets you stop and start applications programs while you watch up to 3 Dynamic Memory Windows to see how the program works. You can even make changes to the displayed registers. Comes with a whopping 112 pages of documentation complete with Step by Step Explorations, Memory Maps, Register Info and more. Requires Disk System, Memory Expansion, and Extended BASIC or Editor Assembler or Mini Memory.

38126 **$24.95**

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This may be your last free catalog! If you are not planning to order from us soon, be sure you're on our mailing list for future catalogs and sale fliers. **Check your address label.** If you see any of the following three digit codes above your name, T8A, T8B, T8C, T8D, T8E, T8F, T8G, T8H, relax, you are on our permanent mailing list. If you see a different three digit code, please **cut out** your complete address label, **check it** for accuracy, and **mail it** to us. We will make sure you are put on our permanent mailing list. Mail to:
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All items in our catalog are new, first quality, and have full manufacturers warranties. Should you need specific warranty information, please contact our Customer Service Department.

We guarantee our products to be free from defects and to be in complete working order. If any item is found to be defective, it may be returned within 30 days of receipt for prompt repair or replacement. Please contact our Customer Service Department for a Return Authorization.

Retail Value Over $150
SUPER SALE PRICE $69.95!

IF YOU DON'T HAVE EXTENDED BASIC YET, you'll need it. Almost all high quality third party software requires Extended BASIC to run, and the difference it will make in your own programs is remarkable. So whether you are running software written by others or creating your own, Extended BASIC is a virtual necessity.

IF YOU DO ALREADY OWN EXTENDED BASIC, this is a great opportunity to pick up a spare, plus two powerful, best-selling programs. The bundled software alone has a higher retail price than the whole package — it's like getting Extended BASIC for free!

Here's what you get:

microPal® EXTENDED BASIC!

—100% Compatible with All Programs Written in TI Extended BASIC
—All Functions Identical to TI Extended BASIC
—Convenient Plug-in Cartridge
—240 Page Manual
Now! You can enter the world of Extended BASIC programming!

With MicroPal Extended BASIC, you can run the hundreds of programs that require Extended BASIC. Programmers can automatically access the 32K memory expansion and auto-load disk based programs; utilize sprite graphics for smooth motion; and add speech — 400 word built-in vocabulary. . .40 new or expanded functions in all. This cartridge is unconditionally guaranteed to be 100% compatible with all programs written in TI Extended BASIC.

Sug. Retail $89.95

PLUS
BEST SELLING WORD PROCESSOR

Both disk and cassette versions of the best selling word processor TYPWRITER from Extended Software. Look at these features:
—Runs with or without memory expansion
—Saves to disk or cassette
—Complete cursor controlled editing
—Insert/delete lines, partial print, chained files, and more
—Great for letters, homework, reports, etc.

Sug. Retail $35.00

PLUS
BEST SELLING DATA BASE

Both disk and cassette versions of the best selling data base, NAME-IT from Extended Software. Outstanding features include:
—Runs with or without memory expansion
—Saves to disk or cassette
—Up to nine fields of 28 characters per record
—Up to 250 full size records per disk
—Fast: sorts 100 records in 30 seconds
—Form letter program (included) lets you use with TYPWRITER program to send individually addressed from letters to a list of people or companies
—Perfect for mailing lists, collections, etc.

Sug. Retail $35.00

This incredible computing package, which includes the most popular TI programming language of all time **plus** the two most popular home computer software applications, is available at the spectacular low price of $69.95. Don't wait — order today and enter a whole new world of home computing!
32967 Cartridge, Disk, Cassette **$69.95**

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All items in our catalog are new, first quality, and have full manufacturers warranties. Should you need specific warranty information, please contact our Customer Service Department.
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TENEX Computer Express T.M.

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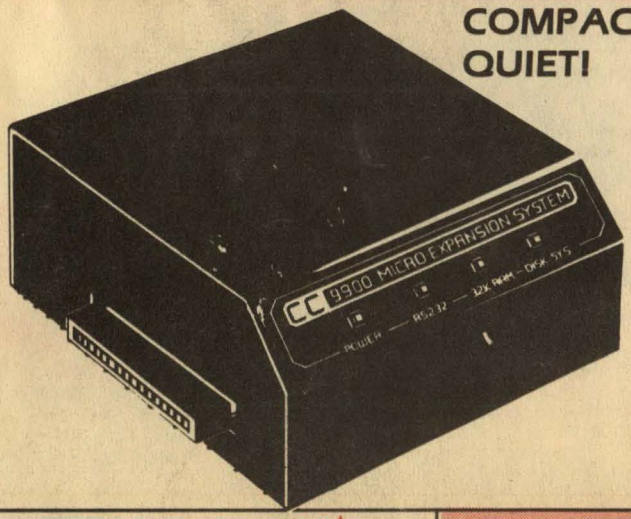
Hardware

expansion products



COMPACT! QUIET!

CC CorComp Inc.

9900 MICRO-EXPANSION SYSTEM. An economical way to expand the versatility of your TI 99/4A home computer. This unit (about the size of two Speech Synthesizers) plugs directly into the side port of the computer and eliminates the need for a large expansion box.

The system is available in the following configurations:

•Stand-Alone RS-232 Interface. Get started! Provides two serial ports and one parallel port for connecting printers, plotters and modems.
29784 **$127.00**

•Upgrade Kit. The 32K memory expansion and disk controller card may be purchased separately as an upgrade kit and are easily installed into the RS-232 Stand-Alone Interface.
29799 **$279.95**

•Micro-Expansion System — **Complete!** SAVE! The RS-232 interface with 32K memory and disk controller card (supporting double-sided, double-density) installed. Up to 360K of storage per disk!
29802 **$329.00**

All configurations offer 120 day manufacturer's warranty.

NEW

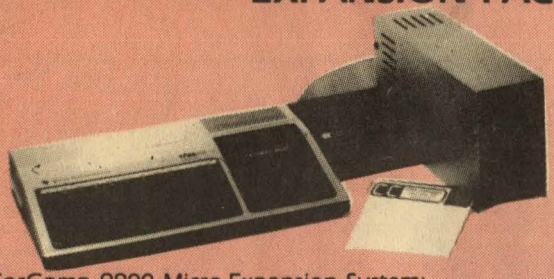
CLOCK/ CALENDAR

9900 Clock Calendar. Many real-time applications for personal computers, such as bulletin boards, computerized time management, and many specialty tasks can be greatly enhanced by having the time and date available for instant access. This new stand-alone device from CorComp plugs right into the side of the computer and lets you access YEAR, MONTH, DATE, DAY, HOURS, MINUTES, and SECONDS. A battery back-up insures that the super accurate crystal controlled oscillator will keep time for over six months even with the power turned off. Another built-in feature is the LOAD INTERRUPT SWITCH, which in conjunction with screen dump software like Screen Dump II (see page 21) will dump the screens of many popular cartridges. The CorComp 9900 Clock/Calendar stand-alone will daisy chain with your speech synthesizer or other CorComp stand-alone products.
34639 **$79.95**

32K STANDALONE

9900 32K MICRO MEMORY. This 32K add-on stand alone memory from CorComp simply plugs into the side of your 99/4A and gives you all the convenience and power of additional memory. Other stand-alone units can be easily daisy-chained to the memory unit (such as the Speech Synthesizer, etc.) No extra power supply needed as the unit draws power from the computer.
34396 **$119.95**

SAVE OVER $300 WITH THIS SPECIAL EXPANSION PACKAGE!



Sug. Retail Value $809.95
Regular Low TENEX Price
$613.89

NOW ONLY
$499.00

This limited time offer is back by popular demand! Expires February 28, 1986

•CorComp 9900 Micro-Expansion System: RS-232 Interface, 32K, DS DD Disk Controller Card

•Teac Half-Height Disk Drive

•External Box with Power Supply

•Filler Plate

•Disk Drive Y Cable Package

Have you ever been jealous of your friends who spent thousands of dollars on "full-blown" computer systems while you remained loyal to your TI 99/4A console and cassette recorder?

Now you can move up to the "big league" for only $499!! This high performance expansion system package offers you a powerful, flexible, **affordable** way to expand your TI 99/4A!

The compact CorComp 9900 Micro-Expansion System unit plugs into the side port of your console and contains an RS-232 interface (allowing hook-up of printer and/or modem); a 32K memory expansion; and a disk controller card with Disk Manager on diskette capable of formatting **double-sided, double-density** diskettes (this card earned straight "A's" in a review by *Micropendium*, Nov. '84). Add a Teac half-height disk drive that offers up to 360K of storage when used to its full double-sided, double-density potential, a box and power supply containing room for a second half-height disk drive (our package includes a filler plate to cover this extra opening until you expand to a second drive), and the disk drive Y cable package (pin-type) to hook your drive up properly. . .and you have a complete computer system that will rival systems costing much, much more!

33655 Expansion Package Special **ONLY $499.00**
31031 Second DS/DD Disk Drive **SALE $119.95**

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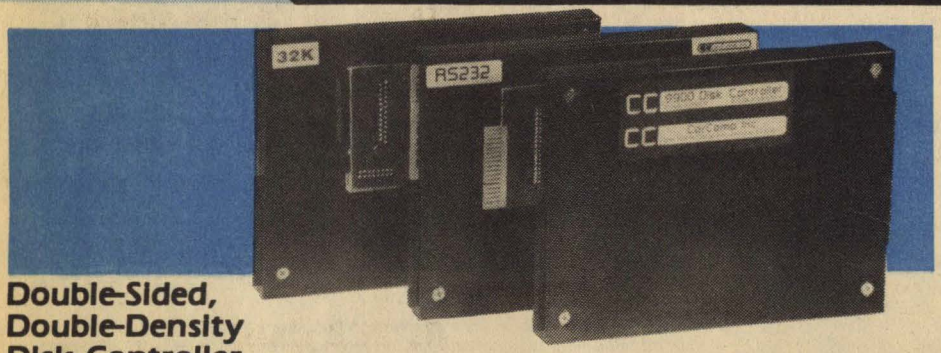
CARDS FOR YOUR EXPANSION SYSTEM

from CorComp Inc.



Double-Sided, Double-Density Disk Controller

9900 DISK CONTROLLER CARD. Fits in the TI Peripheral Expansion Box. Controls up to **FOUR double-sided, double-density** disk drives and allows mixing any combination of drives; half-height or full-height, single-sided, single-density, double-sided, double-density. Load files 2-4 times faster than with the TI disk controller. The Disk Manager program is **included** on diskette and provides many enhancements such as allowing you to Load and Run assembly language programs without using the Editor/Assembler module. Other additional commands: CALL PEEK, CALL POKE, CALL PEEKV, CALL POKEV, CALL MGR, CALL EXEC, CALL MOVEM. The card also has a provision for setting the head seek times for all four drives, allowing use of some of the faster disk drives on the market. Allows sophisticated features, yet is very simple to use. 120 day manufacturer's warranty. Requires cable assembly #30751 listed below for hooking up to one internal drive (inside peripheral expansion box), #31045 for two drives. Requires 32K Memory Expansion to use disk manager software. Sug. Retail $219.95

29770 Disk Controller Card **Sale! $159.95**

30751 One Drive Cable-Pin Type (see page28) **$16.95**

31045 Y Cable Package-Pin Type (see page 28) **$29.95**

Serial and Parallel Interfaces

RS-232 CARD. Fits perfectly in your TI Expansion Box to provide printer, modem, or other communications capabilities. Like the original TI RS-232 card, the CorComp offers both parallel (1) and serial (2) interfaces. The serial port may be split into two ports by using a "Y" cable (#10069) allowing simultaneous use of two serial devices. Rugged metal housing provides shielding and protection. 120 day manufacturer's warranty.

Sug. Retail $117.95

13300 **Only $89.95**

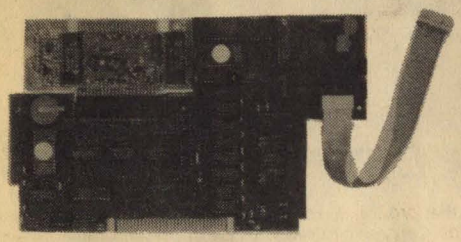
32K Memory Expansion!

Expand your 99/4A's memory to a full 48K with this high quality memory expansion from Cor-Comp! Now you can use word processing or spreadsheet software that won't run in the console's 16K, as well as write your own software to tap the greater potential of the expanded memory. Like CorComp's RS-232 card, this 32K memory fits perfectly in the TI Expansion Box and features heavy duty metal housing. Totally compatible with TI and independant software requiring 32K memory expansion. 120 day manufacturer's warranty.

Sug. Retail $139.95

13315 Only **$109.95**

TRIPLE TECH



•Clock/Calendar! •Printer Buffer! •"Hidden" Speech!

An exciting new multifunction board from CorComp that plugs into your expansion box! The **Clock/Calendar** lets you access YEAR, MONTH, DATE, DAY, HOURS, MINUTES, and SECONDS easily from BASIC or Extended BASIC. A great feature for bulletin board systems, time management, and hobby applications.

The **Printer Buffer** is compatible with almost all printers and requires **no** user modification of software. It holds up to 64K of output and features a copy function for immediate duplication or print-out. "Clear" function also included.

The **Speech Synthesizer Connection** lets you remove your TI speech synthesizer from the side of the computer and hide it in your expansion box! All speech functions are unchanged, but your computer is now neater and narrower!

Any of these functions would be valuable — to get all three in one economical package is the best deal of the year! Order now.

34643 **$129.00**

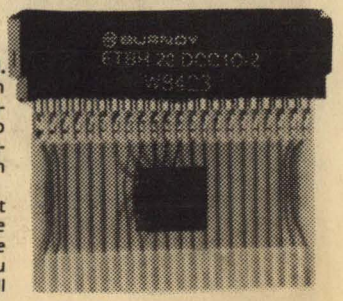
DO YOU HAVE AN '83 TI?

CORCOMP '83 MODULE ADAPTER. In 1983 Texas Instruments produced a version of the TI computer which contained a GROM program that prevents the use of some cartridge software produced by other firms like Atari-soft. These computers can be identified by the title screen which displays "Texas Instruments V2.2."

This new module plugs into the side of your TI 99/4A and lets you bypass the GROM and run the module of your choice. Sug. Retail $34.95

38150 '83 Module Adapter **$27.95**

SCREEN DUMP AID



CORCOMP LOAD INTERRUPT SWITCH. Designed for use in conjunction with screen dump software like Screen Dump II from Quality Software, this handy device lets you dump many cartridge screens at the touch of a button. (See page 21 for software details on SDUMP II.)

All you have to do is plug the interrupt switch into the side of the computer, load the screen dump program, and run the cartridge program. When you get to the screen you want, just push the button to print the full screen.

38164 Load Interrupt Switch **$11.95**

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TREMENDOUS POWER FROM MYARC!

★SPECIAL★
Myarc 128K Card
and
Ext. BASIC Level IV
38395 $249

128K Card with RAM Disk and Print Spooler!

NEW

Step up to big-time personal computing with this powerful new card for your expansion box! In addition to giving you bank-switched access to four 32K blocks of memory, this exciting card **includes** (at no extra charge!) RAM disk and print spooler routines built in! Imagine storing your programs or files in memory and being able to load them instantly! A fantastic productivity aid for users of TI-Writer or similar programs where one must switch programs or files frequently! The print spooler lets you "print" at high speed directly to memory — great for downloading files or text. Can be upgraded to 512k.
Take the next big step in expanding your TI system and letting it perform like systems that cost thousands more! Order your 128K card at our super discount price today! Sug. Retail $229.95
34324 Myarc 128K Card **Only $199.00**

Designed to work with the Myarc 128K card!

EXTENDED BASIC LEVEL IV. Executes up to three times faster than TI Extended BASIC — makes your 99/4A as fast as an IBM PC! Features include 40 character display mode, windowing, high resolution graphics, many new commands including DRAW, FILL, CIRCLE, etc. Requires Myarc 128K card.
38179 **$69.95**

POWER PAK. Want to keep the memory in your 128K card there when you turn off your expansion system and computer? Just connect this handy power pack to the jack provided on the card.
38107 **$17.95**

512K UPGRADE KIT. Kit contains the tips and instructions needed to transform the Myarc 128K card into a super-powered 512K memory unit.
38198 **$CALL**

Disk Controller Card From Myarc

Controls up to 4 Drives! Single or Double Sided! Single or Double Density! Disk Manager on Disk!

This high quality disk controller from Myarc features clamshell construction. Each card comes with a disk-based disk manager that does not require memory expansion to use. The card will control from one to four disk drives; each drive can be single or double-sided and single or double-density. Package includes cable for connecting one disk drive inside the expansion box. To connect two half height disk drives inside the expansion box, purchase cable assembly #31045.
32972 **ONLY $169.95**

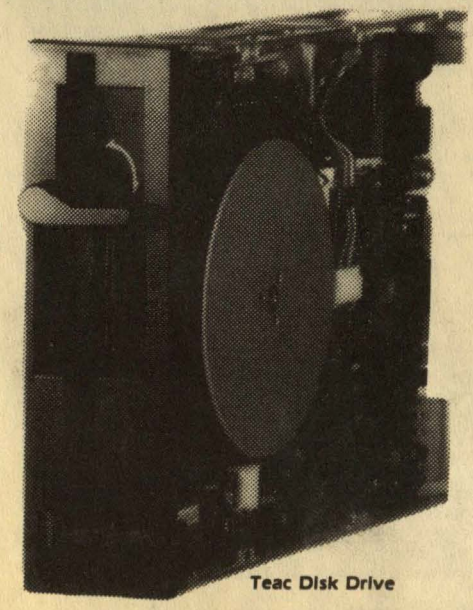
RS-232 Card From Myarc

The same clamshell construction as TI used! Features 1 parallel and 2 serial ports (requires Y cable #10069 to access second serial port). Fits perfectly in TI Expansion Box. Extensive manual included.
32986 **ONLY $89.95**

disk drives and accessories

HALF-HEIGHT DISK DRIVES FROM TEAC FULLY TI COMPATIBLE!

REDUCED



Teac Disk Drive

OUR LOWEST PRICE EVER! $119.95

Double-sided, double-density slimline disk drives that provide up to 360K of double-density storage when used with CorComp or Myarc disk controller cards. Can also be used with the TI disk controller card and Disk Manager module to access up to 180K of storage.
The drives are shipped "bare" and can be installed in the TI Peripheral Expansion Box. The drives may also be used externally by installing them in the box listed below. If only one drive is installed in the box, a filler plate may be ordered to cover the additional space.

Please Note — Hook-up cables required. See "Disk Drive Accessories" section on the next page to order appropriate cables for hooking up disk drives to your system configuration.

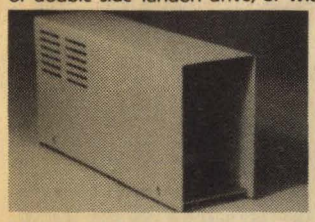
Sug. Retail $299.00
31031 Teac Slimline Disk Drive **You Pay Only**
$119.95

20164 Box With Power Supply (see next page for description) **$59.95**
31050 Filler Plate (optional accessory) **$5.99**

Two Drive Mounting Plate. Allows two half height drives to be mounted securely in the Expansion Box or box with power supply, without drilling holes.
33181 **$8.95**

DISK DRIVE ACCESSORIES

To add external drives to your TI expansion box system, or to connect any drive(s) to the CorComp Micro-Expansion System, you will need a box with power supply and the appropriate cable to connect the drive(s) to the disk controller. The accessories listed below may be used with the bare Texas Instruments drive, a single or double side Tandon drive, or with Teac half-height drives.



BOX WITH POWER SUPPLY. Accommodates one full height or two half-height disk drive(s). Vertical type. Heavy gauge formed steel.
20164 **Only $59.95**

CABLE FOR ONE EXTERNAL DRIVE. Connects one drive to the card edge (external) connector on the TI or CorComp disk controller card.
10178 **Only $21.95**

CABLE FOR TWO EXTERNAL DRIVES. Same as above for two drives.
10182 **Only $24.95**

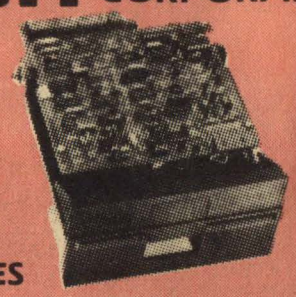
DISK DRIVE Y CABLE PACKAGE-PIN TYPE. Includes •Y power adapter (connects two half height disk drives to one power source), and •Cable to connect drives to the pin-type (internal disk drive) connector on a TI or CorComp disk controller card (i.e., when installing two half height drives in TI expansion box) OR the CorComp Micro-Expansion System (i.e. installing two drives in one external box and power supply).
31045 **$29.95**

DISK DRIVE Y CABLE PACKAGE-CARD EDGE TYPE. Includes •Y power adaptor (connects two half-height disk drives to one power source), and •Cable to connect drives to the card edge (external disk drive) connector on a TI or CorComp disk controller card (i.e., installing two half-height drives as DSK2 and DSK3 in one external box and power supply).
31523 **$29.95**

ONE DRIVE CABLE-PIN TYPE. Connects one drive to the pin type (internal) connector on the CorComp disk controller card (i.e., installing one drive in TI expansion box), OR the CorComp Micro-Expansion System (i.e., installing one drive in external box and power supply).
30751 **$16.95**

TWO DRIVE CABLE-PIN TYPE. Same as above for two drives. To install two half-height drives using a single power source, see Disk Drive Y Cable Package-Pin Type, part #31045.
31538 **$24.95**

Tandon CORPORATION



THE GREATEST DISK DRIVE VALUES

ALL FULLY TI COMPATIBLE! BEST QUALITY!

Tandon is the world's largest manufacturer of disk drives for microcomputers. Famous for quality, their drives are designed into many of the best known business and personal computer systems. All the following drives are compatible with the Texas Instruments Home Computer system.

Double-Sided, Double-Density Disk Drives—Up to 360K of Storage!

Full height for a perfect fit!

2 side drives offer double capacity

These drives use both sides of a diskette simultaneously to offer twice the capacity of a single-sided drive, offering a substantial reduction in memory cost. These drives are as simple to use as single-sided and can read programs stored on single-sided diskettes. Use double-sided diskettes for maximum capacity. (Some users use a double and a single to increase their system flexibility while minimizing total cost. For instance, when using TI Writer or Microsoft Multi-plan, the program disk is kept in the single drive while the double drive is used for the file disk, maximizing available file space).

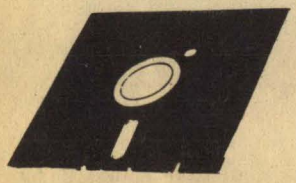
TANDON DOUBLE-SIDED DISK DRIVE. Bare, for installation in Peripheral Expansion Box or in case with power supply. Dimensions are identical to single-sided drive, allowing a perfect fit in the expansion box or case. Will function in double density when used with CorComp's new 9900 disk controller card, or the Myarc disk controller card.
10159 **$139.00**

THE microPal® 79¢ DISKETTE

Are You Paying Five Times Too Much For Diskettes?

We recently surveyed a variety of computer supply catalogs, and found 5¼" single-sided, double-density diskettes priced as high as $4.60 each. . .more than FIVE TIMES the price of our high quality diskettes. That's a big difference!

First Quality, Great Price!



These diskettes are first quality, prime diskettes (no seconds). We've made a special purchase of these diskettes, and can offer them to you at an almost unbelievable price.

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Try them out and be convinced. These disks are packaged in boxes of 50; each box contains 5 shrink-wrapped 10-packs that include diskettes in sleeves, labels and write-protect tabs. Each diskette is individualy certified to be 100 percent error free at levels equal to or above ANSI, ECMA and ISO standards. All diskettes include hub reinforcement rings and write protect notch.

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We offer a double guarantee of satisfaction:

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Part No.	Description	Box of 50
32391	5¼" Single-Sided, Double-Density Diskettes	39.50 (.79 each!)
32403	5¼" Double-Sided, Double-Density Diskettes	49.50 (.99 each!)

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cassette recorder

NEW FROM GE!!!

Computer Program Data Recorder

Full One Year Warranty!

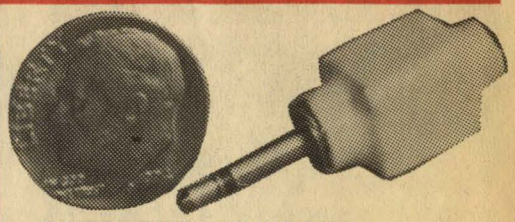
This new model program recorder from GE combines the latest features in a compact, space-saving size:
- Program locator/digital counter for indexing and recalling data.
- Monitor speaker confirms that data is being loaded.
- Data Level Control adjusts volume to your tape quality and computer system.
- Jacks attach to the rear of the recorder for less clutter and easier arrangement of your peripherals.
- LED for Record and Play.
- Battery level indicator.
- Powered by AC converter (included) or 4 "AA" batteries (not included).
- Six push-button controls.
- Includes interfaces for direct-connection to Atari and Commodore computers.

Requires cassette cable (#21186 or #15592) to operate with TI 99/4A.

Sug. Retail $69.96

34592 **ONLY $39.95**

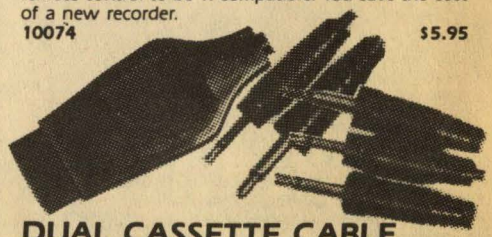
ONLY $39.95!!



CASSETTE ADAPTER

If your present cassette recorder does not operate when the cassette cable is attached, simply plug in this adapter to your recorder. It reverses the polarity of the remote control to be TI compatible. You save the cost of a new recorder.

10074 **$5.95**



DUAL CASSETTE CABLE

Will connect your TI 99/4A to either one or two cassette recorders.

21186 **$9.95**

SINGLE CASSETTE CABLE. Connects your TI 99/4A to one cassette recorder. Suitable for most needs.

15592 **$5.95**

cartridge peripherals

CARTRIDGE EXPANDER

SAVE YOUR COMPUTER!
- **Don't Wear Out Your Console and Cartridges!**
- **Avoid Overheating!**
- **Includes Instant Reset Button!**

Are you constantly plugging in and pulling out cartridges? The constant wiping action on the contacts can eventually wear them out. The Navarone Cartridge Expander, featuring **three** cartridge slots, helps you avoid costly repair bills in two ways. First, you will **immediately** stop wearing out the contacts in your computer; you'll never have to insert a cartridge directly into the computer again! Second, you can keep your most commonly used cartridges (say, Extended BASIC and TI Writer, or your favorite games) parked permanently in the expander — this will reduce wear on the cartridges by 90 percent or more.

This small investment can save big dollars in hardware and software!

Also very useful is the reset button that lets you initialize the computer without the console on/off switch. Do you use your computer frequently? Do your kids switch cartridges numerous times in a single play or learning session? If so, invest in this inexpensive protection for your computer and software. Great for schools and other high use locations, too.

Sug. Retail $39.95

13329 **Still Only $29.95**

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NAVARONE

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TENEX P.O. Box 6578, South Bend, IN. 46660

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ORDER STATUS HOTLINE 1-219-259-7053.

monitors

LET'S DISCUSS. . .

TV'S & Monitors

You interact with the computer through words or graphics displayed on a video screen and through sounds of speech via the audio system. An ordinary television is fine; black and white will suffice, but color is much better. Your 99/4A Console comes packed with a TV Adapter (called an RF modulator) that connects to your TVs VHF antenna terminals. The TV Adapter also has a cable that plugs into the back of the 99/4A Console. This doesn't interfere at all with your ability to receive normal TV broadcasts.

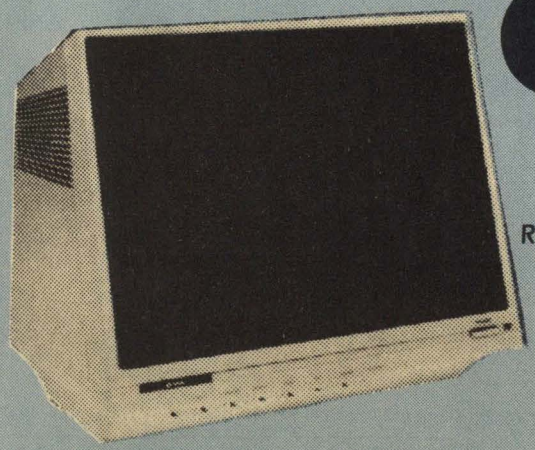
A color monitor is similar to a TV without the tuner section. Since the signals from the computer don't go through the adapter and tuner, the image produced by a monitor is better than a TV. The monitor, however, cannot be used for broadcast reception.

TENEX Computer Express T.M.

WE WANT SATISFIED CUSTOMERS!

All items in our catalog are new, first quality, and have full manufacturers warranties. Should you need specific warranty information, please contact our Customer Service Department.

We guarantee our products to be free from defects and to be in complete working order. If any item is found to be defective, it may be returned within 30 days of receipt for prompt repair or replacement. Please contact our Customer Service Department for a Return Authorization.



BMC USA

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Regular Low Tenex Price $239.00

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Design may vary

Color Display Monitor

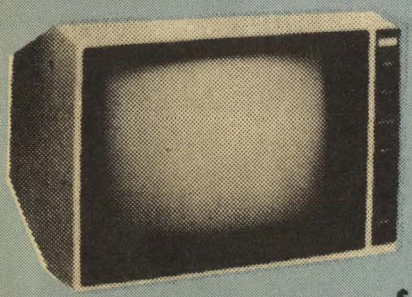
Enjoy the brilliant, vivid color graphics and text possible only with this superb quality solid-state, composite video monitor. Fully compatible with TI and other popular computers, the large 13" screen offers superb resolution of 350 by 350 lines. The sturdy and attractively styled light beige cabinet also houses a built-in speaker. So, for the kind of color graphics demanded by the new software, or for running a high resolution action game, you have a clear advantage with this monitor. Also, imagine your video tape player producing monitor-quality programs on this unit! Convenient front panel houses controls for horizontal, vertical, brightness, contrast, tint, color, and volume. Easily connects to your TI 99/4A and other popular computers with monitor cable #37424. Dimensions: 14.7"(W)x13.4"(H)x16.5"(D), 24 pounds.

23226 **Only $199.00***

***Limited time offer.**

Super Resolution Monochrome Monitor

BMC USA — REDUCED



Exceptionally clear and distinct graphics and text are produced on this 12 inch green phosphor screen BMC monitor. All solid state circuitry allows us to offer you this superb quality instrument for an incredible price. Comes complete with controls for horizontal, vertical, height, contrast, brightness, and vertical linearity. A sheer joy for the serious programmer or business user. This monitor offers a minimum resolution of 800 dots. Compatible with most popular computers and connects easily to the TI 99/4A with monitor cable #37424. Dimensions: 12.6"(W)x11"(H)x12.1"(D), 15.5 pounds.

23212 **Only $89.00**

ONLY $89

SUPER RESOLUTION MONOCHROME MONITOR. 90 days parts and labor warranty!

ACCESSORIES

MONITOR CABLE COMPOSITE. Interface your TI 99/4A to any composite monitor. DIN connector plugs into computer, and RCA type plugs connect to monitor. Includes ear phone plug adaptor to connect to monitors with earphone type audio plug.

37424 **$7.95**

SWIVEL TILT BASE. Sit right where you are. Don't crane your neck. The BMC swivel tilt base for monitors takes the pain out of data processing! Attractively designed from high impact plastic and constructed with steel reinforcing and thick industrial rubber pads, the base displays any monitor with complete stability. You can lock in any angle or position effortlessly to get rid of reflected screen glare.

32066 **$19.95**

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This may be your last free catalog! If you are not planning to order from us soon, be sure you're on our mailing list for future catalogs and sale fliers. **Check your address label.** If you see any of the following three digit codes above your name, T8A, T8B, T8C, T8D, T8E, T8F, T8G, T8H, relax, you are on our permanent mailing list. If you see a different three digit code, please **cut out** your complete address label, **check it** for accuracy, and **mail it** to us. We will make sure you are put on our permanent mailing list. Mail to:

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printer showcase

LET'S DISCUSS. . .
Printers

A printer is an automatic typewriter (and more) for your computer. It translates the designated information from the computer into English (Spanish, Chinese or whatever), or graphics (such as graphs, charts, or designated patterns). Thus you can produce a permanent listing of programs, address envelopes, generate forms, graphs, and so on. With additional software you will have a full fledged word processing system.

The performance of a printer is described basically by its speed, quality, and flexibility. Common printers are either a **dot-matrix** type (very fast — printing characters as an array of tiny dots) or **daisy wheel** type (slower, but quality matching a carbon film typewriter). Dot-matrix printers excel when high-speed, data tables, charts or graphs are your priority. If your principal need is the best quality for correspondence or text, a daisy-wheel printer may be preferred. Both dot-matrix and daisy wheel printers are impact printers; that is, they form an impression by pressing an inked ribbon against plain paper. Another technology is called **thermal** printing. The printing element contains tiny dots that are selectively heated as the element passes over a thermally sensitive paper, producing permanently dark spots at points where the element was hot. Although thermal printing requires special paper, it does have the advantage of being virtually silent. New thermal printers make images that rival the best dot-matrixes in quality and with non-yellowing paper.

Recently, many companies have been offering **"Near Letter Quality"** print styles on dot matrix printers. This has created some degree of confusion on the part of buyers. Most dot matrix printers achieve their "near letter quality" by multiple strikes on the same character, sometimes offsetting the dots slightly in order to "fill in" the characters and reduce the dot-like appearance. In general, this type takes longer to print than standard printing but offers significantly improved appearance. In our opinion, this quality level is adequate for most purposes except formal, or business correspondence. Most readers will still be able to tell however, that near letter quality printing was actually done on a dot matrix printer; users who want type indistinguishable from a hand typed letter should choose a daisy-wheel printer.

Considering the comparative levels of speed, performance, cost and graphics capability, we recommend that one's first printer should be an impact dot matrix printer like those offered by Legend, Star, or Epson. A daisy-wheel printer should be considered only if business correspondence is the primary application of the printer.

Our customers often ask, **"What's the difference between parallel and serial?"** Briefly, the computer tells the printer what character to print by sending eight data bits. In the serial format, the bits go one after the other, while in the parallel format, all eight bits travel at the same time along eight separate wires. Parallel is capable of faster data transmission rates than serial, but this difference is usually not significant in comparison with the speed capabilities of printers sold for personal computing. We recommend parallel printer for most applications.

Another is **"What's the difference between friction and tractor feed?"** Friction feed is that used on the traditional typewriter and is best for single sheets of paper such as letterheads and envelopes. Tractor feed is associated with "computer paper": long, connected sheets with holes punched along the edges. In a tractor printer, these holes fit over sprockets that precisely position the paper for long, automatic runs.

REMEMBER the Computer-to-Printer Interface!

An interface is required to transmit print signals from your 99/4A to all printers. You can use either the TI RS-232 Interface Card OR one of the fine interfaces from CorComp, Myarc or ParallAx. All three perform superbly with virtually any printer, and most don't require a Peripheral Expansion Box.

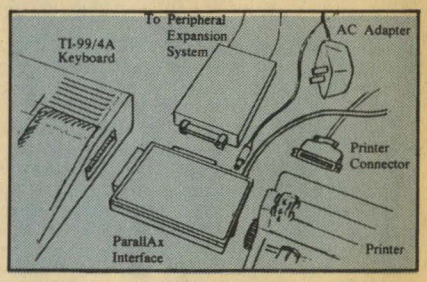
We recommend the parallel printer input where there is an option. Some printers are available with a serial input (25 pin connecter). This requires you to use the serial connecter on your interface and preempts the use of another serial device such as a modem. (If you are already in this awkward situation, our "Y" cable provides an elegant solution.)

It is also **vital** that you choose the correct, high quality interface cable to connect your interface to your printer. In this section, we will clearly indicate the required cable, available at discount prices in our "Cable Stable."

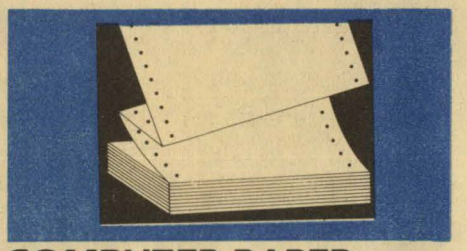
OUR LOWEST PRICES EVER FOR A PLUG-IN PRINTER INTERFACE!

AXIOM CORPORATION

ParallAx TI



PARALLAX TI. This great little device is just what many of you have been looking for. Connects any standard parallel-input printer to the TI 994/A computer. No other cables needed. Can be used with the TI Peripheral Expansion System, or on its own. Runs all standard software. Also gives you some added features: Set left margin, set line length, set line to line spacing. Contains a built-in self-test for printer and interface. You can have your ParallAx installed and running in minutes. Comes with easy-to-follow manual. Two year manufacturer's warranty.
Sug. Retail $99.00
30235 **$69.95**



COMPUTER PAPER

No Printer Should Be Without It!

Handy packages of the best quality printer paper. Continuous 9½"x11" sheets of 20# bond clear white paper, "Z" folded with ½" perforations on each edge. Tears clean for letterhead quality drafts. Each package contains 540 sheets.
29535 **Only $7.95**

Keep a copy! Similar to above, but each page has two sheets. Automatically generates a copy without carbon paper. Each package contains 320 pairs of sheets.
29549 **Only $12.95**

PAPER TRACTOR™

Carries ordinary sheet paper through your tractor-feed printer!

Simply place your letterhead, checks, invoices, forms, even legal-size sheets into the durable flexible plastic carrier and feed into your adjustable tractor-drive printer. Works with most printers.
22084 **$11.95**

TOP DECK
Easy to Use Paper Catcher

If your printer paper gets tangled up with your cables, spreads over your tabletop, or makes you crawl under the table to find it, Top Deck is what you need! Neatly catches and stacks output for virtually every printer with or without a printer stand. Completely adjustable and self-storing. Durable enough for office use, but economical enough for the home. Sug. Retail $39.98
37369 **$33.95**

PRINTER MINI-INDEX

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A Best Seller. . .

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•NEAR LETTER QUALITY!
•2K BUFFER!

THE POWER BEHIND THE PRINTED WORD.

NEW

SG-10

$229

The SG-10 has a nine wire print head and bidirectional printing at **120** characters per second in draft mode. A flip of the switch initiates Near Letter Quality mode for printing at 30 characters per second with letters so crisp it's a shame to call it only "near" letter quality! The SG-10 offers 20% faster throughput and 2K print buffer! Of course the SG-10 has that famous Star quality and state-of-the-art features such as a 9x9 standard matrix with true descenders, foreign languages, and mathematical and scientific symbols. In addition, the SG-10 offers the same range of print size, column size, character sets, character fonts and even all of the special features of SD-10

The SG-10 has both tractor and friction drive to handle sheets from 5.5 to 8.5 inches wide and fanfold (including label stock) from 4 to 10 inches wide. You also have the convenience of a user replaceable printhead and common Underwood ribbons.

The interface is standard parallel so you can use one of the interfaces listed below to connect the SG-10 to your TI 99/4A. An optional serial interface is also available. SG-10 dimensions are 15.4"Wx12.4"Dx5.7"H and it weighs 15.4 pounds.

Sug. Retail $299.00

33251 SG10 Printer	**Only $229.00**
37890 Serial Interface for SG-10 w/ 4K Buffer	**$99.00**
21631 Ribbon for SG-10	**$2.49**
34799 SG-10 User's Manual (Packaged w/printer)	**$14.95**
34802 SG-10 Technical Manual	**$23.95**
34446 SG-10C (for direct connection to Commodore C64 and C128)	**$249.00**

LIMITED TIME OFFER!

NEW

SG-15 PRINTER

Made for those of you who require the ability to print on paper up to 15.5" wide, the SG-15 dot matrix printer has a speed of 120 characters per second bi-directional in draft mode, and can be slowed down to 30 CPS for Near Letter Quality printing! The nine wire print head is user replaceable. Prints up 233 columns with all of the character fonts, character sets and special features of the SG-10. Comes standard with a 16K buffer. Standard parallel interface. Printer dimensions are 21.3"Wx12.4"Dx5.7"H. Weight is 22 lbs. Sug. Retail $499.00

33265 SG-15 Printer	**$429.00**
21631 Ribbon for SG-15	**$2.49**

PRINTER INTERFACES for your TI 99/4A

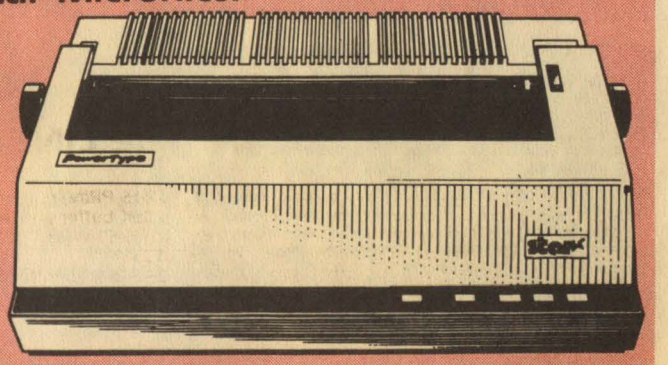
ParallAx Interface **$69.95**
Just plug in — no additional cable needed.
See page 31.

CorComp Stand-Alone **$129.00**
Plugs into computer and gives you one parallel output plus two serial outputs. Perfect if you plan to use a printer and a modem. Can be upgraded to 32K + disk system. Requires cable. See page 25.

CorComp + Myarc RS-232 card **$89.95**
Just like TI's! Plugs into expansion box. Requires cable. See pages 26, 27.

Letter Quality Daisywheel Printing from Star Micronics! Power Type

From this well-known and respected manufacturer of quality dot matrix printers comes POWERTYPE, a letter quality daisywheel printer. The PowerType offers bi-directional printing at a fast 18 CPS with 10, 12 or 15 CPI print size and proportional spacing. Over 100 type fonts are available (PowerType uses standard Qume print wheels.) Line spacing is switch and software selectable at 3, 4, 6, or 8 lines/inch. The printer comes with dual interface (serial **and** parallel) along with 32 easy-access format switches. Other features include: reverse paper feed, short form tear-off and self-test. Comes standard with friction feed; optional tractor feed is available. PowerType uses standard Diablo Hi-type I or II cassette ribbons. Dimensions are 19.6"Wx14.3"Dx5.5"H; weight, 22 pounds. Requires parallel or serial interface. Sug. Retail $499.00



31064 PowerType Printer	Only **$359.00**
31079 Optional Tractor Feed	**$54.95**
31083 Film Ribbon Cassette	**$4.75**

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ORDER STATUS HOTLINE 1-219-259-7053.

Now With Near Letter Quality!

star micronics·inc

SUPER QUIET!

All printers from Star Micronics now feature a ONE YEAR WARRANTY (includes printhead)!

$149.95

NEW

SD-10 PRINTER

Produces 160 crisp characters every second in draft mode. For Near Letter Quality printing, just flip a switch to slow the print speed, and the character matrix of 17 dot x 11 dot produces quality type rivaling daisy-wheel printers. Printing is bidirectional and logic seeking. The 9-wire print head is user replaceable. Uses standard sheet (5.5" to 8.5" wide) or fan-fold paper (4" to 10" wide) and labels, because it has both friction **and** tractor drive.

Talk about versatility: print size of 5, 6, 8, 5, 10, and 12 and 17 characters per inch; columns on a standard sheet numbering 40, 48, 68, 80, 96 and 136, line spacing of 1/6 or 1/8 inch, or program your own spacing.

Choose the character matrix that suits your need: from 9x11 standard with true descenders (e.g. the tails on p's and q's really go below the "line"), to 8x240 bit image mode.

All of these character sets are stored in the SD-10 ready for your use: 96 standard, italic and NLQ ASCII characters (similar to your keyboard set), 88 standard, italic and NLQ international characters, special characters, 32 block graphic patterns, and 240 user-defined characters. All these fonts are available to you: normal (10 characters per inch), elite (12 CPI), condensed (17 CPI), enlarged (5, 6, 8.5 CPI), near letter quality (10 CPI), emphasized, double strike, italics, and super and sub scripts. Special features include: easy access format switches, hex dump, self-test mode, continuous underline, vertical and horizontal tabs, skip over perforation, and standard 2K buffer.

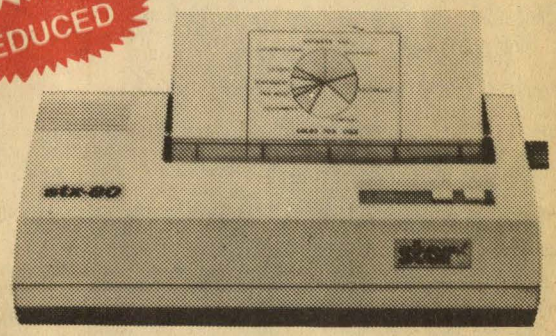
Yet with all this advanced technology, the SD-10 is very easy to use and maintain. When the print head wears out after millions of cycles, it is simple to replace by the user. The SD-10 has standard parallel (Centronics compatible) interface. Use one of the interfaces listed at left. Printer dimensions are 15.4"Wx14.1"Dx6.1"H and it weighs 20.1 lbs. Sug. Retail $449.00

33284 SD-10 Printer	**ONLY $379.00**
34713 Ribbon for SD-10	**$6.25**

SD-15 PRINTER. Same great features and print speed as the SD-10, but will accommodate paper up to 15.5" wide and comes standard with a 16K buffer. Printer dimensions are 21.3"Wx14.1"Dx6.1"H and it weighs 24.5 lbs.Sug. Retail $559.00

33299 SD-15 Printer	**$509.00**
34727 Ribbon for SD-15	**$9.95**

REDUCED



stx-80 THERMAL PRINTER

A full 80 column thermal printer, perfect for use where quiet operation is important. Don't be fooled by the price; advanced technology has loaded this quality printer with performance features. A nine element print head for superb graphics. All 96 ASCII characters, PLUS 51 European characters, PLUS 64 block graphic characters. Bidirectional printing at 60 characters per second with horizontal tabs and column scan bit image graphics. The very quiet STX-80 uses standard 8.5 inch thermal printing paper roll which will not darken under normal conditions.

The STX-80 has a standard parallel interface so you can use one of the interfaces listed at left. Printer dimensions are 13.4"Wx6.9"Dx3.9"H; weight is 7.7 pounds. Sug. Retail $199.00

19657 STX-80 Printer	**Only $149.00**
19676 Thermal Paper (two 100' rolls)	**$9.95**
ALPHACOM 81 Thermal Paper	
34573 Thermal Paper (82' roll)	**$9.95**
34568 Thermal Paper (100 Single Sheets)	**$9.95**

star micronics·inc

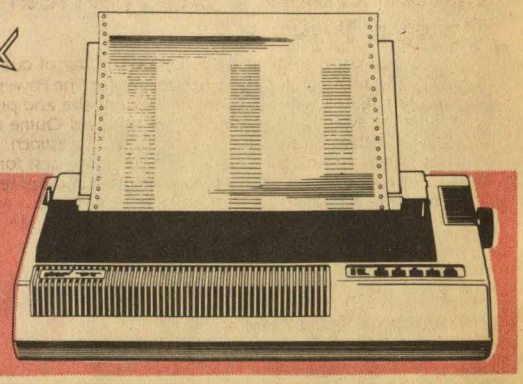
— TOP OF THE LINE -

SR-10 PRINTER. 200 characters per second with 20% faster throughput! Can be slowed down for Near Letter Quality printing. Comes standard with friction feed, tractor feed **AND** automatic single sheet feed. All the character sets and fonts of the other Star printers. Handles paper up to 10" wide. Sug. Retail $649.00

33302	**ONLY $569.00**
34732 Ribbon for SR-10	**$9.95**

SR-15 PRINTER. Same great feature as the SR-10 with a 16K buffer and wider carriage to handle paper up to 15.5" wide. Sug. Retail $799.00

33317	**ONLY $689.00**
34746 Ribbon for SR-15	**$11.95**



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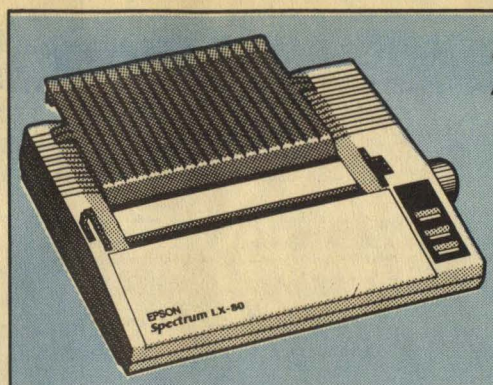
EPSON

The printer chosen by more computer enthusiasts than any other.

IMPORTANT NOTE. At press time, Epson was in the process of making changes in its line of printers. Our policy is to stock the latest versions and newest models, and to sell them at highly competitive prices. Please call our Customer Service Department for price and availability of the latest Epson printers.



Business Quality Printing At A Home Budget Price

NEW

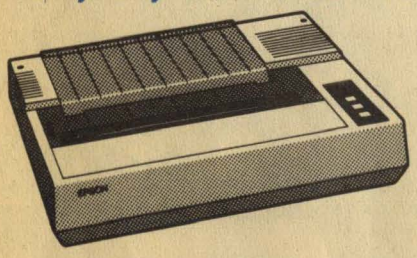
SPECTRUM LX-80

100 CPSI

Zip through draft copies with speedy 100 CPS bidirectional printing. . .or produce finished copies with a high quality typewriter style appearance in a 16 CPS near letter quality mode. The SelecType feature allows you to choose from a wide range of typestyles (over 160 combinations!) and graphics. Full one year manufacturer's warranty. Great combination of performance and value! Sug. Retail $299.00

33871 LX-80 Printer **$259.00**
33885 Tractor Feed for LX-80 **$34.95**
34662 Ribbon for LX-80 **$4.95**

All EPSON printers come with ONE YEAR manufacturer's warranty. Buy with confidence!



FX-85 & FX-185 SUPER FEATURES! HIGH SPEED!

NEW

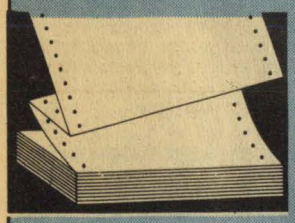
160 CPSI

FX-85 Print Samples:
REGULAR
789:;<=>?@ABCDEFGHIJKL
NEAR LETTER QUALITY
89:;<=>?@ABCDEFGHIJKL

The new FX-85 and FX-185 printers are improved versions of the famous FX-80 and FX-100. High speed operation at 160 characters per second is further enhanced by a huge **8K buffer** which greatly reduces computer "waiting time". Near letter quality print at 32 cps is switch selectable and features beautiful serif characters — must be seen to be appreciated. Built-in centering and justification are handy, too. New low noise lid helps contain sound problems. The FX-85 handles 9½" paper; the FX-185 accepts any size up to 15" wide. These printers are ideal for office use due both to their rugged construction and their outstanding performance. Use parallel interface to connect to TI 99/4A.

34893 FX-85 Printer Sug. Retail $499 **$399.00**
34905 FX-185 Printer Sug. Retail $699 **$549.00**

JX-80 Color Printer Now available! Sug. Retail $699.00
33208 JX-80 Printer **$599.00**



COMPUTER PAPER

No Printer Should Be Without It!

Handy packages of the best quality printer paper. Continuous 9½"x11" sheets of 20# bond clear white paper, "Z" folded with ½" perforations on each edge. Tears clean for letterhead quality drafts. Each package contains 540 sheets.
29535 **Only $7.95**

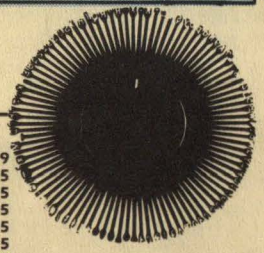
Keep a copy! Similar to above, but each page has two sheets. Automatically generates a copy without carbon paper. Each package contains 320 pairs of sheets.
29549 **Only $12.95**

PAPER TRACTOR

Carries ordinary sheet paper through your tractor-feed printer!
Simply place your letterhead, checks, invoices, forms, even legal-sized sheets into the durable flexible plastic carrier and feed into your adjustable tractor-drive printer. Works with most printers.
22084 **$11.95**

PRINTER SUPPLIES AND ACCESSORIES

Enhance your system and improve efficiency with these useful products.



AXIOM

-Tractor feed option for SLP	34310	$29.95
-Ribbon for GP-550	33814	$13.95
-Ribbon for GP-700 Color Printer	34708	$17.95

BMC

-Ribbon for BX-80/BX-130	29310	$ 9.95
-Printhead for BX-80/BX-130	31651	$69.95

EPSON

-Vertical tractor unit for FX-80, allows use of any width pinfeed paper such as one-up labels. Without this unit, pinfeed paper must be standard 8½" width.	22070	$39.95
-Graftrax + kit for MX-80 printers upgrades your MX-80 graphics capability with a plug-in ROM cartridge.	22051	$75.00
-Ribbons, black inked fabric, three million character life. Simple drop-in cassette. Fits all MX, RX, and FX-185 models.	19200	$ 5.95
-Same for MX, RX, FX-100 and FX-185 models.	19215	$ 9.95
-Ribbon for Spectrum LX-80.	34662	$ 4.95
-Dust covers, top quality antistatic vinyl protection for MX, RX, and FX-80 models.	19272	$ 8.95
-Operators manual for MX series printers.	22065	$19.95

LEGEND

-Ribbon for 808, and 1080 printer	36474	$ 7.95

STAR MICRONICS

-Ribbon for Gemini 10X, SG-10, 15	21631	$ 2.49
-Ribbon for SD-10	34713	$ 6.25
-Ribbon for SD-15	34727	$ 9.95
-Ribbon for SR-10	34732	$ 9.95
-Ribbon for SR-15	34746	$11.95
-Ribbon for Power Type	31083	$ 4.75
-Serial Interface adapter for Gemini 10X, 15X, and SG-10	21626	$59.00
-Tractor feed option for Powertype	31079	$54.95
-Thermal printer paper for STX-80 (two 100 ft. rolls)	19676	$ 9.95
-Gemini 10X Users Manual	34770	$14.95
-SG-10 Users Manual	34799	$14.95
-Gemini 10X Technical Manual	34784	$23.95
-SG-10 Technical Manual	34802	$23.95

Technical manuals include schematics, flow charts, parts lists, diagrams, trouble shooting, etc.

LABELS

-Self-adhesive, on continuous pin-punched carrier for tractor drive printers.

-5000 labels with one label across. Carrier width 4¼". Label size 3½"x15/16".	19267	$13.95
-3000 labels with 3 labels across. Carrier width 9½". Label size 2.75"x15/16".	22277	$12.95

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ORDER STATUS HOTLINE 1-219-259-7053.

the cable stable

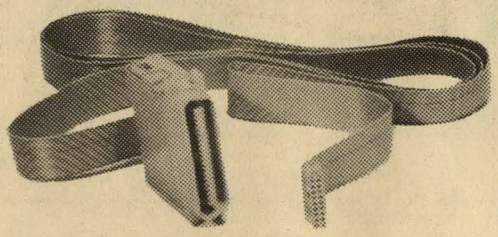
Parallel Printer Cables

Guaranteed to work with the appropriate printer! Simply plug one end into the 16 pin parallel connector on TI's RS-232 Interface Card and the other end to the 36 pin "Centronics" type connector on most all parallel printers. Then print away! All lengths are five feet unless noted.

PARALLEL CABLE — STANDARD. For all of the following printers with parallel inputs: Epson (all models), Star-Micronics (all models), TI, Prowriter, Gorilla, TP-II, L1000, Mannesman Talley, and many more!
10021 Five foot length **$24.95**
22243 Ten foot length **$34.95**

PARALLEL CABLE — OKIDATA. Contains interface electronics within the connector housing to adapt the 99/4A to any Okidata printer. Five foot length.
10036 **$37.95**

PARALLEL CABLE — TI PROFESSIONAL COMPUTER. Connects the 25 pin parallel output on the back of the Professional to the 36 pin input connector of any printer using the "Centronics" standard parallel input.
13009 **$37.95**



PERIPHERAL EXTENSION CABLE. One end of this highly flexible 30 inch cable plugs into the peripheral expansion port on the right side of the 99/4A console; the other end connects to the 44 contact slot of a stand-alone peripheral (speech synthesizer, stand-alone memory expansion, etc.). Allows convenient placement.
22633 **$24.95**

PERIPHERAL EXPANDER CABLE. Similar to above, but with **two** peripheral connectors on one cable. Allows attachment of up to two separate peripheral branches.
22647 **$32.95**

TI MODEM CABLE — Connects a standard modem to your TI 99/4A RS-232 interface.
34287 **$24.95**

microfal®

PARALLEL CABLE — TP-1. Contains interface electronics within the connector housing to adapt the 99/4A to Smith Corona TP-1 printer.
10040 **$37.95**

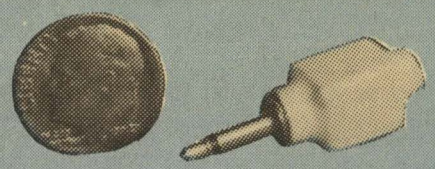
RS232 CABLE. For connecting the 25 pin female serial (or RS-232) port on the RS-232 Expansion Card to any RS-232 standard devices: printers with serial inputs, modems, etc. Cable is standard at a five-foot length, 25 conductors, and terminated at each end with 25 pin, male "D" connectors.
10055 **$24.95**

"Y" CABLE. Allows use of both serial ports from the serial connector on the RS-232 Interface Card. The cable has a single 25 pin male connector going to the RS-232 Card and two 25 pin female connectors for up to two serial peripherals. Standard length is one foot for one branch of the "Y" and five feet for the other.
10069 **$49.95**

CASSETTE CABLE — DOUBLE. Connects a standard type cassette recorder with three inputs for microphone, external speaker, and remote control to your TI 99/4A. Also allows a second cassette recorder to be connected — useful when data files are to be manipulated.
21186 **$9.95**

CASSETTE CABLE — SINGLE. Connects your TI 99/4A to one cassette recorder. Suitable for most needs.
15592 **$5.95**

MONITOR CABLE COMPOSITE. Interface your TI 99/4A to any composite monitor. DIN connector plugs into computer, and RCA type plugs connect to monitor. Includes ear phone plug adaptor to connect to monitors with earphone type audio plug.
37424 **$7.95**



Cassette Adapter

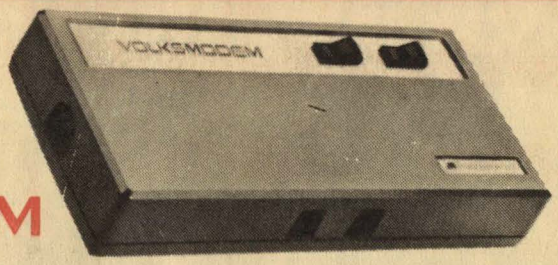
If your present cassette recorder's tape drive isn't turned on and off when connected to your 99/4A, it's probably because the polarity of the remote control is wrong. Simply plug in our adapter to your recorder's remote jack and then plug in your cassette cable. It's a lot cheaper than a new cassette recorder — guaranteed.
10074 **$5.95**

printer stands

Space Saving PRINTER STAND

At last a printer stand priced for homes and small offices! We've always liked the convenience and organization of an elevated printer stand — you can put your paper underneath the stand to save valuable table space and make feeding easier. The problem, up until now, has been price. Stands sold to the office market often cost $40, $50, $60 or even more! These great new stands from Suncom, a leader in microcomputer accessories, solve the price problem and offer features not found on models costing more than twice as much. The stands feature heavy duty welded steel wire construction and have a vinyl coating to reduce noise and vibration and provide an attractive appearance that will blend with your computer decor. Another plus that the designers of many more expensive stands left out: our Suncom stand holds the printer at an angle that makes it much easier to see your output as it is being printed.
We use one in our office and agree that this much convenience at such a low price is real value. Available in two widths: 12" for most 80 column printers (Gemini 10X, SG-10, RX-80, BX-80, etc.), and 18" for most 132 column printers (Gemini 15X, SG-15, FX-100, etc.).
33232 12" Printer Stand **$14.95**
33246 18" Printer Stand **$22.95**

telecommunications



VOLKSMODEM

. . .for everyone

The basic modem that's economical, yet with full performance. Data transmitted at 300 bits per second, automatically selects originate to answer mode, full or half duplex switch, compatible with Bell 103 protocol. A voice/date switch permits normal telephone usage without disconnecting modem. Advanced circuitry has low power consumption for expected battery life of two years. Requires 9 volt battery, not included. Also requires Volksmodem cable (see below) and RS-232 Interface. For TI 99/4A. Limited Lifetime Warranty.Sug. Retail $79.95

22510 Volksmodem **Only $69.95**
22539 TI Cable for Volksmodem **$11.95**

LET'S DISCUSS. . .
Communications

You can communicate with other computers and access giant databases for information on virtually anything: stocks, books, patents, statistics, software, send and receive electronic mail and much more. A modem (modulator/demodulator) is a device that interfaces your computer to your telephone allowing voice or data to be sent where you choose. All you need is a modem that connects to the serial connector on your RS-232 INTERFACE CARD and TERMINAL EMULATOR software that configures your computer to function just like a telecommunications terminal. This greatly simplifies the transfer of files, keyboard controls, color, sound, graphics, and even synthesized speech for transmission or reception.

OUR BEST-SELLING TI MODEM!

AC POWER ADAPTER eliminates need for batteries. Recommended.
19126 **$9.95**

SIGNALMAN MARK III L MODEM

The Signalman Mark III L is specifically designed for the 99/4A. It is a direct-coupled modem: the **included** cable plugs into the RS-232 Interface's serial port, and another included cable plugs directly into the modular telephone jack on the wall. More reliable than acoustically coupled modems. Provides an audible "carrier detect" signal so you know when you're connected. Fully Bell 103 compatible. Automatically changes between "originate" and "answer" as required. Data rate of 300 baud. Powered by internal 9V battery (not included) or an optional 110 VAC adapter.
19112 **$79.95**

The Source™ Discount Offer

With the purchase of the Signalman Mark III L Modem, you will receive a coupon offering a subscription to The Source™ (a $100 value) for only **$29.95** PLUS you will receive a FREE Source User's Manual (usually sells for $19.95).
The Source™ is a macro-database that contains Texnet, a TI users database where you can exchange information with tens of thousands of other TI users — even download ready-to-run programs. The Source offers various electronic newspapers from across the nation, a link with the Stock Exchange, and special shopping services!
ORDER NOW — THE SOURCE™ DISCOUNT OFFER
EXPIRES DECEMBER 31, 1985!

1200 BAUD!
VOLKSMODEM 12

The Volksmodem 12 is the newest addition to the Anchor Automation line of data communications devices. Compatible with virtually every personal computer on the market today, the Volksmodem 12 is loaded with the most desired features. The direct-connect Volksmodem 12 has auto-answer and auto-dial capabilities (requires appropriate software), both 300 baud (Bell 103 compatible) and 1200 baud (Bell 212A compatible) speeds and includes 2 modern configuration switches, 2 status indicator lights, and 5 software programmable set registers. Operates in full or half duplex at 300 baud. A 6 ft. modular telephone cord and 12 volt power adapter are included with the Volksmodem 12. Connecting the modem to your TI 99/4A is easy. Purchase the Volkscable listed below, hook it to your RS-232 card and your phone line. . .and you're ready to communicate! Using this modem with TI99/4A requires appropriate software. The 4/A Talk program (see pg. 23) allows the user to take advantage of the 1200 baud rate, and also includes text buffering for downloading of 16K of information to printer or disk. 4/A Talk does not currently support auto-dial and auto-answer for the TI99/4A. Sug. Retail $299.00

33724 Volksmodem 12 **$199.00**
34146 Volkscable B-12 for TI99/4A **$11.95**
33988 Volkscable J for C64 **$32.95**

NEW!
5 Year Limited Warranty!

COMMUNICATIONS SOFTWARE

4/A Talk See Page 23
Terminal Emulator II See Page 3

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Accessories

diskettes/cassettes

THE micropal® 79¢ DISKETTE!!

Are You Paying Five Times Too Much For Diskettes?

We recently surveyed a variety of computer supply catalogs, and found 5¼" single-sided, double-density diskettes priced as high as $4.60 each. . .more than FIVE TIMES the price of our high quality diskettes. That's a big difference!

Can't Believe The Price?!

Try them out and be convinced. These disks are packaged in boxes of 50; each box contains 5 shrink-wrapped 10-packs that include diskettes in sleeves, labels and write-protect tabs. Each diskette is individually certified to be 100 percent error free at levels equal to or above ANSI, ECMA and ISO standards. All diskettes include hub reinforcement rings and write protect notch.

Lifetime Warranty Plus Risk Free Trial!

We offer a double guarantee of satisfaction:
1) All diskettes are backed by a lifetime warranty. If you ever have a problem, we'll replace the diskette.
2) We understand that you may wonder if this low price comes with a "catch" of some kind. To let you discover what a great value these diskettes really are we'll let you try them risk free. Buy a box. If within 30 days you aren't happy with the diskettes for any reason, return them to us for a prompt refund. No questions asked!!

First Quality, Great Price!

These diskettes are first quality, prime diskettes (no seconds). We've made a special purchase of these diskettes, and can offer them to you at an almost unbelievable price.

Part No.	Description	Box of 50
32391	5¼" Single-Sided, Double-Density Diskettes	39.50 (79¢ each!)
32403	5¼" Double-Sided, Double-Density Diskettes	49.50 (99¢ each!)

SKC

NEW LOW PRICES

Super Diskette Sale!

Lifetime Guarantee

LESS THAN $1.50 EACH

A Real Diskette Sale!

Certified and 100% error free! This level of quality at our price is genuine VALUE. SKC 5¼" mini floppy disks, packaged ten to a box. Lifetime guarantee. . .if there's a problem, you get a new disk.

29268 Single-sided, single-density **10 for only $11.95**
29273 Single-sided, double-density **10 for only $12.95**
29287 Double-sided, double-density **10 for only $14.95**

3M SINGLE-SIDED DISKETTES, 5¼" with double-density quality. 100% tested and guaranteed error-free. Reinforced hub. Use only with single-sided drives. Package of ten diskettes in a convenient storage box. Sug. Retail $34.20
19407 **Only $19.95**

3M SINGLE-SIDED DISKETTES, same as above, but economically packaged as two diskettes in a pouch. Sug. Retail $7.20
19412 **Only $4.95**

3M DOUBLE-SIDED DISKETTES, 5¼" with double-density quality. 100% tested and guaranteed error-free. Reinforced hub. Use with double or single-sided disk drives. Package of ten diskettes in a convenient storage box. Sug. Retail 42.20
19426 **Only $24.95**

3M DOUBLE-SIDED DISKETTE, same as above, but economically packaged as two diskettes in a pouch. Sug. Retail $8.84
19431 **Only $5.35**

3M COMPUTER CASSETTES, C-10, five minutes time per side. Includes plastic case.
21167 (Quantity 1-9) **each $1.79**
(Quantity 10 & up) **each $1.49**

3M COMPUTER CASSETTES, C-30, 15 minutes time per side. Includes plastic case.
21172 (Quantity 1-9) **each $1.89**
(Quantity 10 & up) **each $1.59**

Head Cleaning Kit Special

Don't let dirty read-write heads cause needless disk drive problems! The simple, economical solution is a 3M Head Cleaning Diskette Kit. . .provides 10 read-write head cleaning operations. It's not even necessary to disassemble the drive. Just apply the pre-measured cleaning fluid to the cut out area of the special diskette, insert into your drive and access the read-write head for just 30 seconds. Remove the cleaning diskette and you're ready to go again. Protects your investment in disk drives, diskettes and (most importantly) your software. Each kit contains one head cleaning diskette and 10 packets of cleaning solution. For 5¼" disk systems. From 3M.
33213 **Only $9.95**

3M

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INFORMATION PROCESSING PRODUCTS

We at TENEX take pride in offering the best quality products for the critically important job of storing your programs and data. . .and at discount prices! Data recording media and the disk read/write heads are the most vulnerable components of your computer system. Ensure their performance by using the best products available.

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joysticks

prostick II™

ARCADE-STYLE JOYSTICK

Includes Double TI Joystick Adapter — Free!

PROSTICK II. "These are solidly-made joysticks that are easy to control in a wide range of games," says The Video Game Update newsletter. "The Prostick II fits comfortably in the hand and is easy to hold when placed on a flat surface," according to the Enthusiast 99 magazine.

The Prostick II implements a new, convenient firing technique. The fire buttons are positioned for the index finger. This allows quicker reaction time and less fatigue during play than when using the thumb on the fire button. Two buttons accommodate right or left-handers.

Another unique feature of the Prostick II is the "Switchable Gateplate." This allows the player to choose between the standard 8-position joystick movement (up/down, left/right, diagonals) and a 4-position movement only (up/down, left/right). Switching is easy — just lift and turn a small, plastic collar at the base of the joystick shaft. For maze games use 4-way action. Other games may need the regular, crisp, precise 8-way action. Includes Y-adapter for direct interface to the TI 99/4A. Also comes with **five year warranty!**

31007 **Only $24.95**

3-Way Handle and Gatelock Control

$24.95

Famous WICO quality is now available in a new joystick with 3-way handle AND gatelock control. Choose the redball, bathandle, or pistol grip control for your favorite action. NEW FEATURE — Gatelock allows you to lock in 8-way or 4-way action for the precise movement required by many maze games. . .a REAL plus for TI99/4A owners. Requires adapter for use with the TI99/4A.

31173 **ONLY $24.95**

WICO COMMAND CONTROL™

ARCADE ACTION!!

WICO, the world's largest manufacturer of game control devices offers superior control, firing accuracy and incredible durability. Each unit is backed by a one-year limited manufacturer's warranty.

Lowest Prices In the Country!

Tenex Computer Express brings you Wico's famous rolling-ball controller, the Trackball, at a previously unheard of price! The Trackball lets you move smoothly and easily — it has a much different "feel" than a joystick. Great for drawing programs like "Paint 'n Print" (see page 19) or your favorite game.

Sug. Retail $49.95

10271 **Now Only $14.95**

THE BOSS

This contoured, pistol-grip handle will make game playing a breezel Fire button on handle. Five foot cord. Requires adapter for TI 99/4A. Sug. Retail $19.95

19707 **$16.95**

TI 99/4A ADAPTER. One adapter can accommodate up to two Atari-compatible joysticks.

10285 **NEW LOW PRICE $4.95**

TG PRODUCTS, INC.

THE ONE THAT WILL LAST!

SUPER STICK offers a super low price, yet is more durable than most other joysticks. The key is a simple but sturdy design with fewer moving parts. The assembly withstands a breaking force of more than 50 pounds and has been tested to more than 500 continuous hours without a failure. Arcade reliability at an affordable price!

37321 Super Stick **$7.95**

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.
ORDER STATUS HOTLINE 1-219-259-7053.

outlet strips/surge suppressors

End Cable Nightmares!

Is the underside of your computer table a tangled mess of power cords and outlet expanders? Is the closest outlet too far away from the perfect place to put your computer? Are you using ungrounded outlets or extension cords? You need a Perma Power outlet strip!

OUTLET STRIP

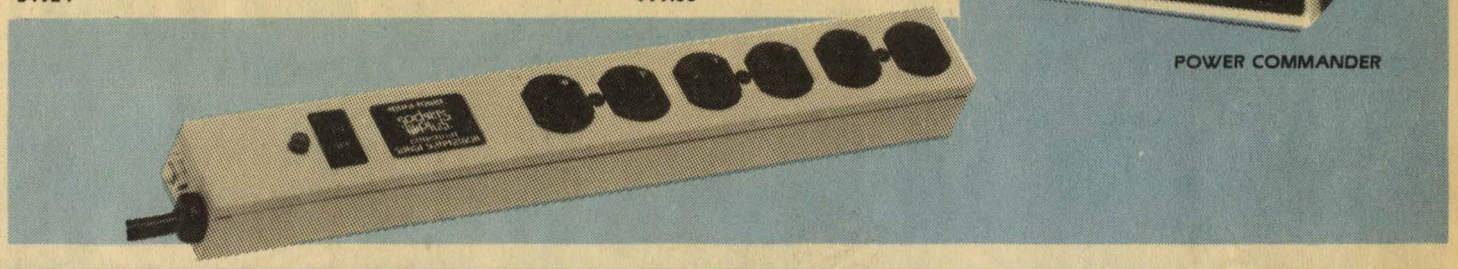
Includes six rugged three-pronged grounded outlets with pilot light, six foot power cord and on/off switch. Mounted in a sturdy metal case with a heavy duty six foot power cord and three prong plug. Underwriter's Laboratory listed. Meets or exceeds NEC and OSHA standards. Rated at 15 amps, 125 volts — safely handles an incredible 1875 watts!
19304 **$17.95**

SURGE PROTECTION, TOO!

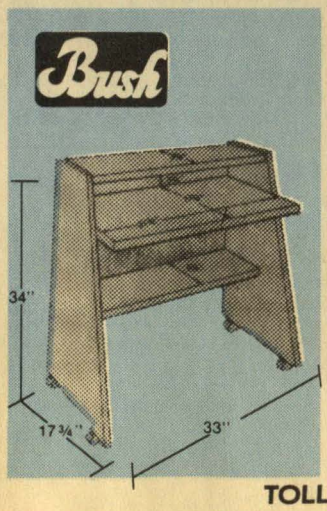
SURGE SUPRESSOR OUTLET STRIP. Similar to above strip, but with additional circuitry that protects your valuable system from destructive power line surges resulting from lightning strikes, etc. Protects against both normal-mode surges and common-mode surges. Unique automatic shutdown mechanism prevents operation of unit in the event of suppressor circuit failure. Sug. Retail $48.95
22436 **$39.95**

POWER COMMANDER

This combination power control center/surge supressor unit provides individual control of up to five system components along with a master on/off switch. Also protects your equipment against voltage surges and spikes, intermittent line noise and static. Built-in circuit breaker protects against system overload. Five year warranty. Sug. Retail $129.95
34924 **$99.00**



furniture & computer care



DELUXE HOME COMPUTER CENTER

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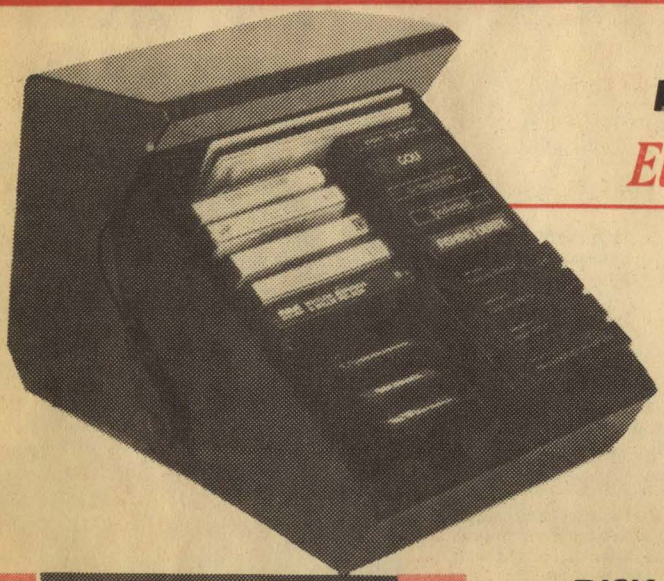

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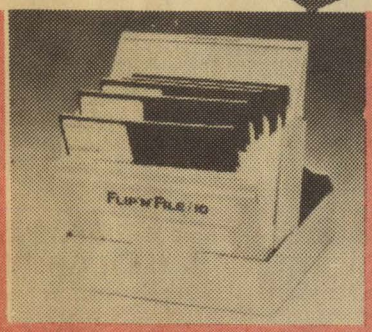

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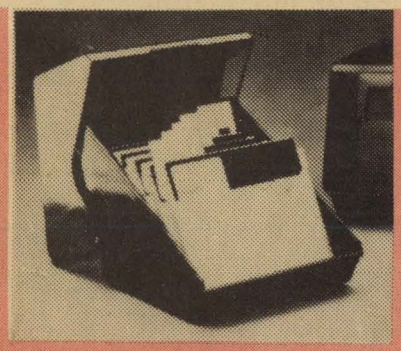

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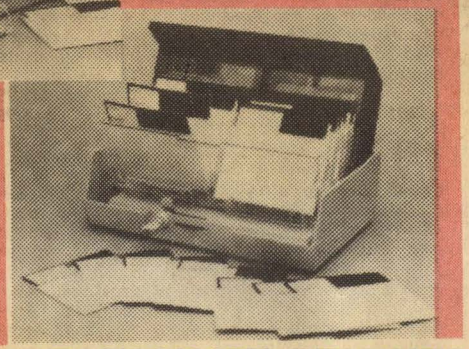

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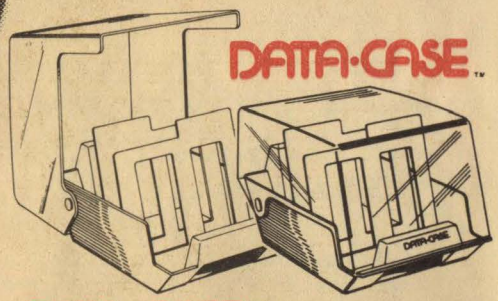

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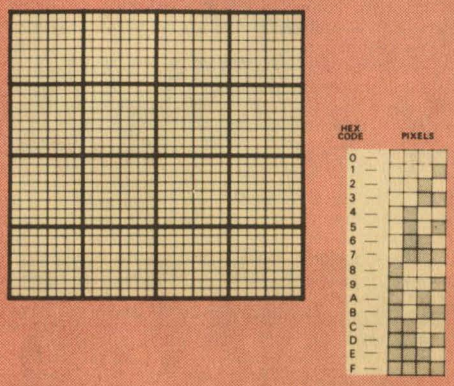

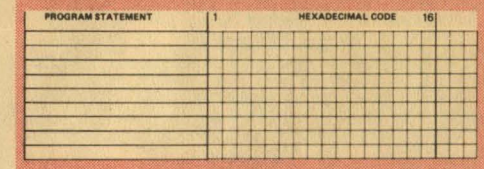

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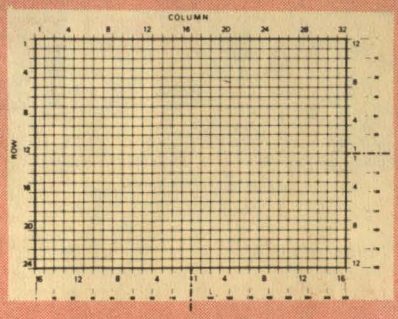

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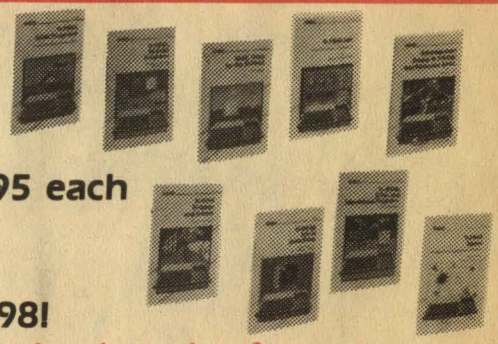

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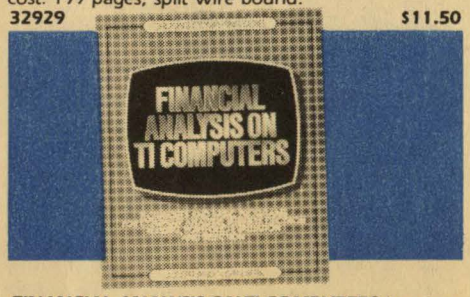

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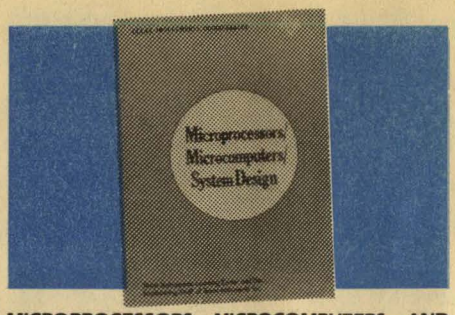

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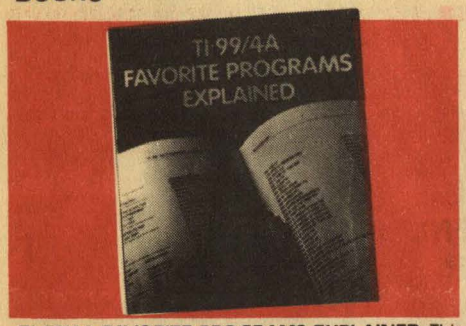

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Whether you're sitting down to a computer for the first time, or you have some experience operating other micro machines, this book has the answers to all your computing questions, all the careful step-by-step instructions you need to get the most use from the TI 99/4A: handling your personal finances, taking care of household record-keeping chores, helping your children with their homework, or simply exploring the graphics and sound capabilities of your machine.
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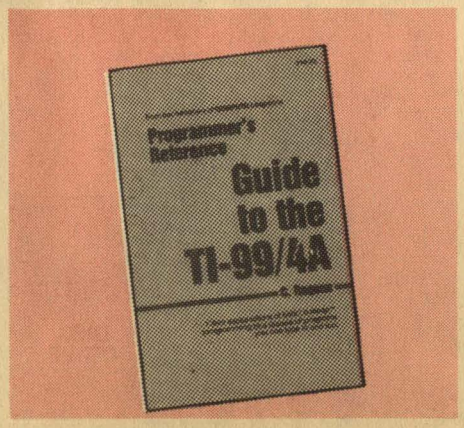

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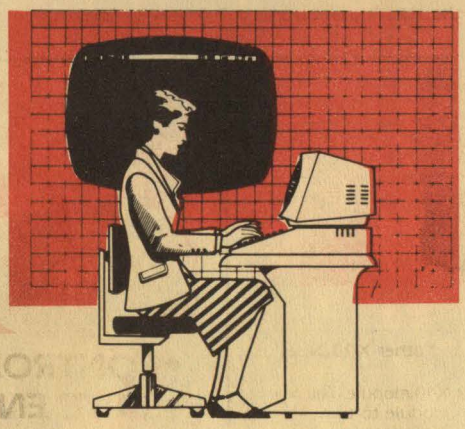

EDITOR/ASSEMBLER MANUAL by TI Staff. A detailed guide to using TMS 9900 assembly language, including a detailed description of memory architecture in the TI 99/4A. This book presumes some knowledge of assembly language programming — it is not an introductory text. A copy of this manual is included with the Editor/Assembler Command Module. Looseleaf format.
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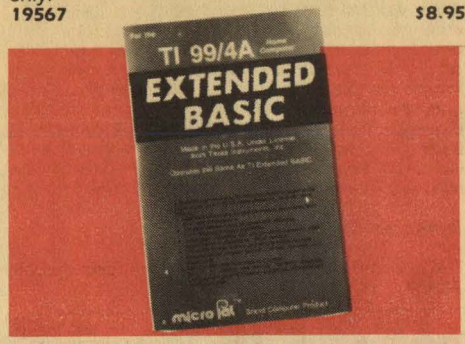

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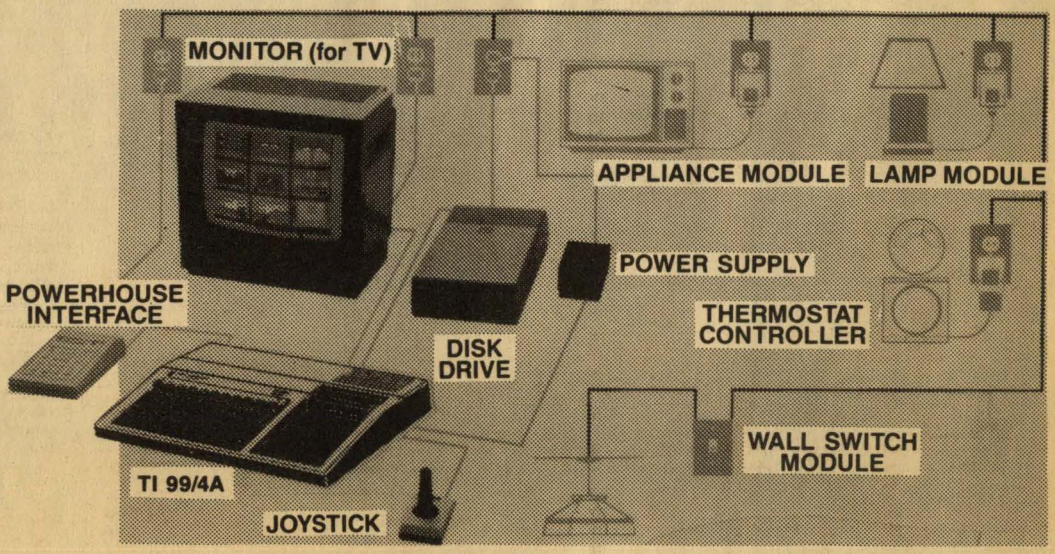

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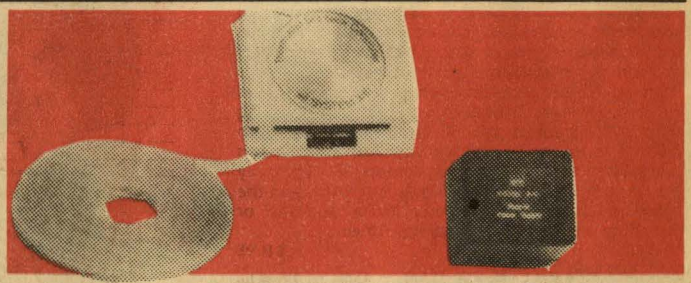

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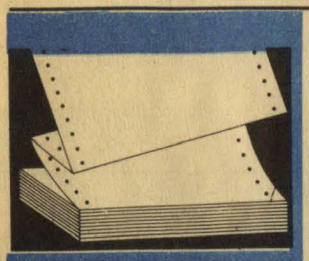

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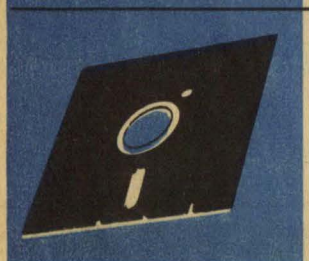

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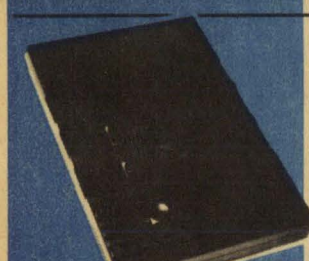

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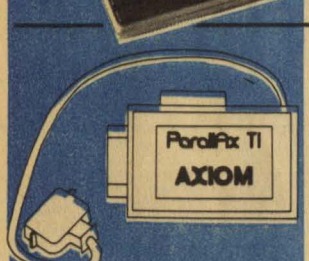

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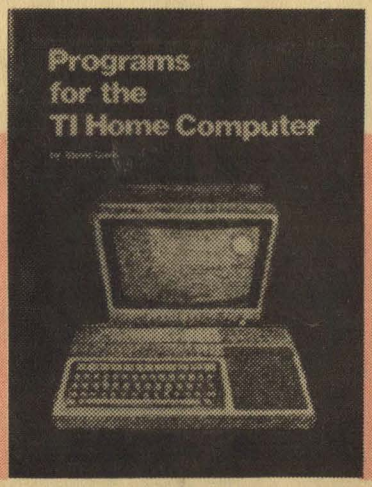

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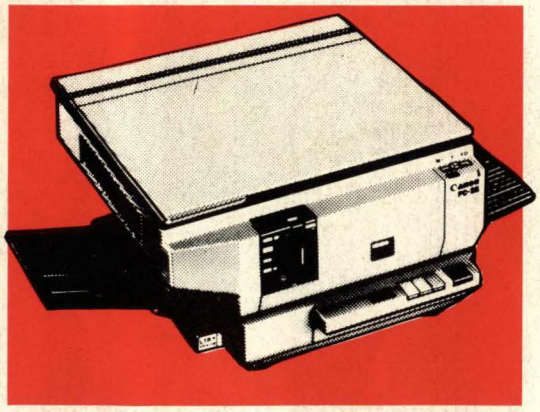

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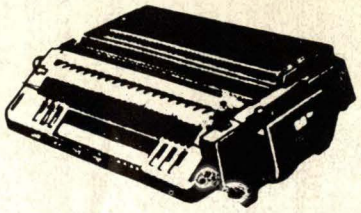

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